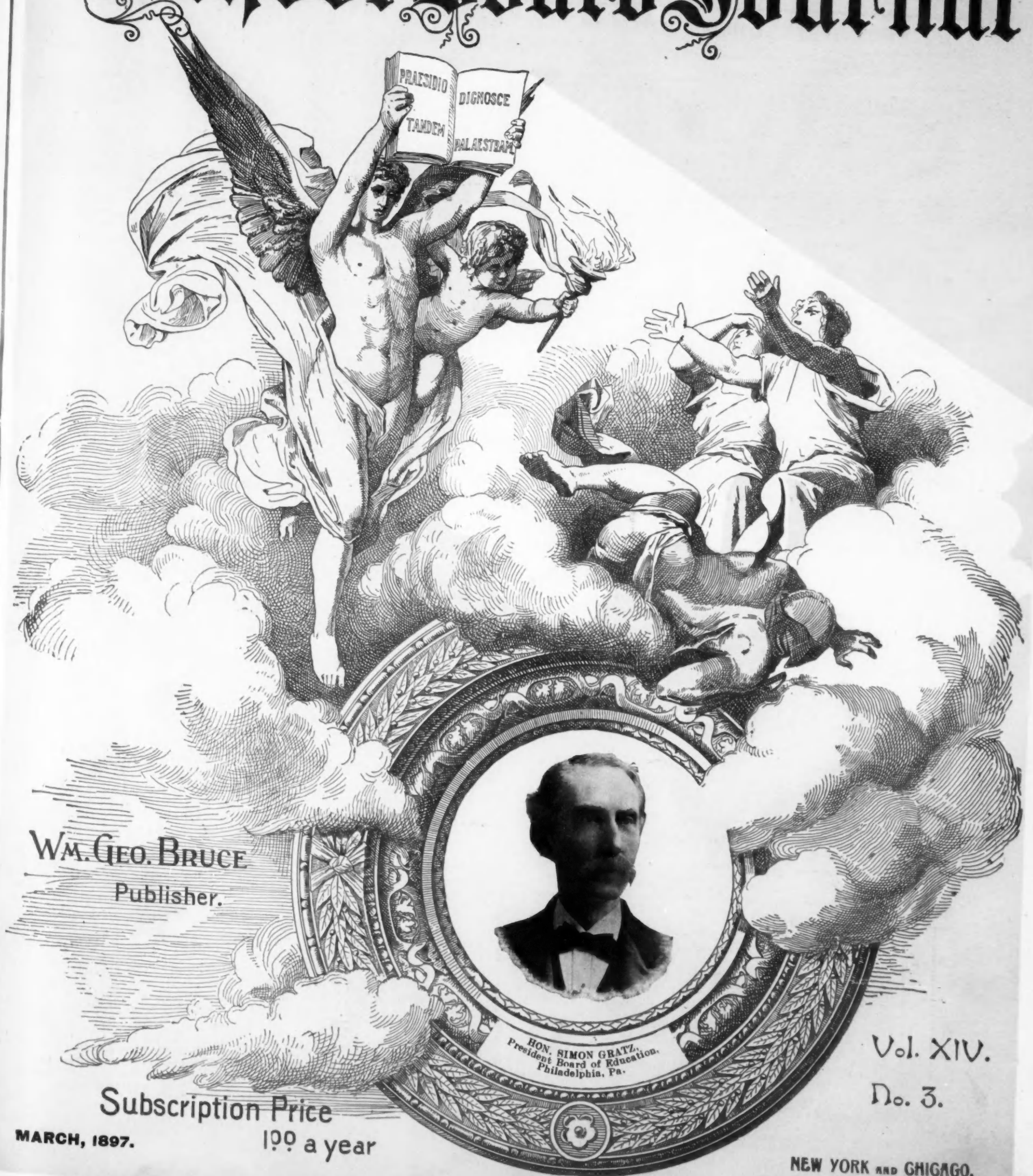


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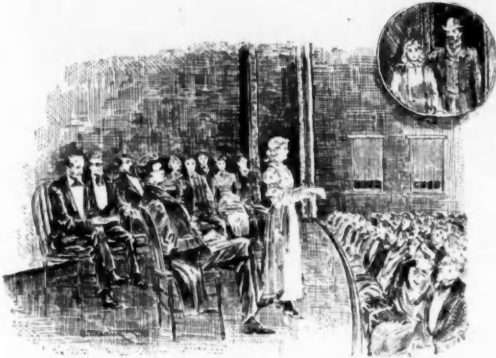
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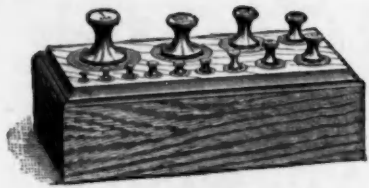
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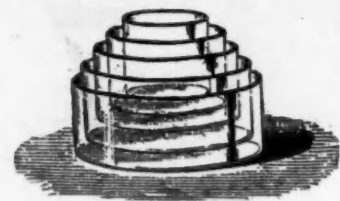
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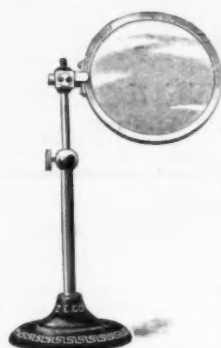
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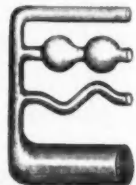
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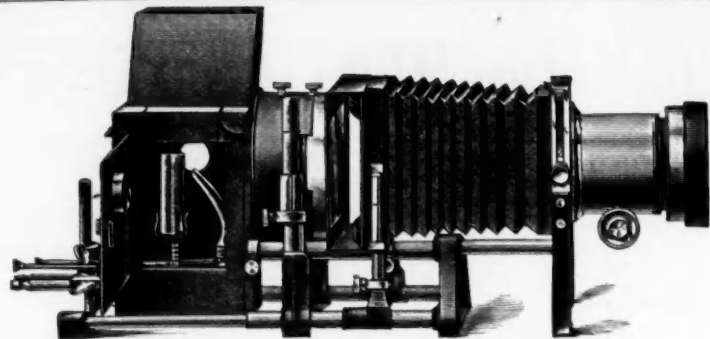
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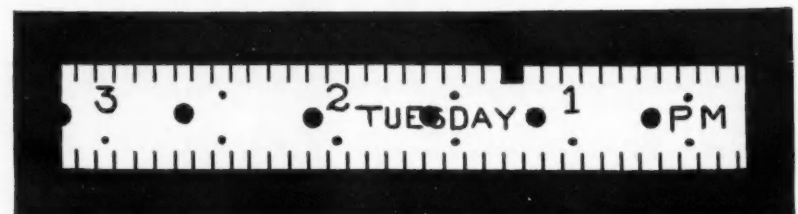
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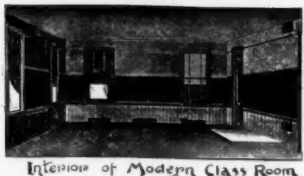


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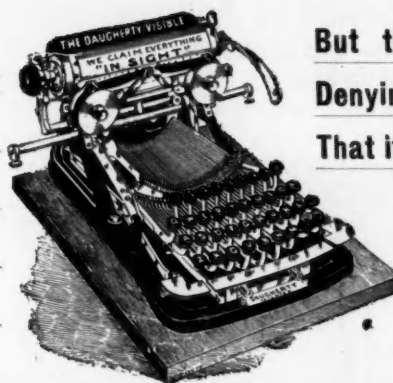
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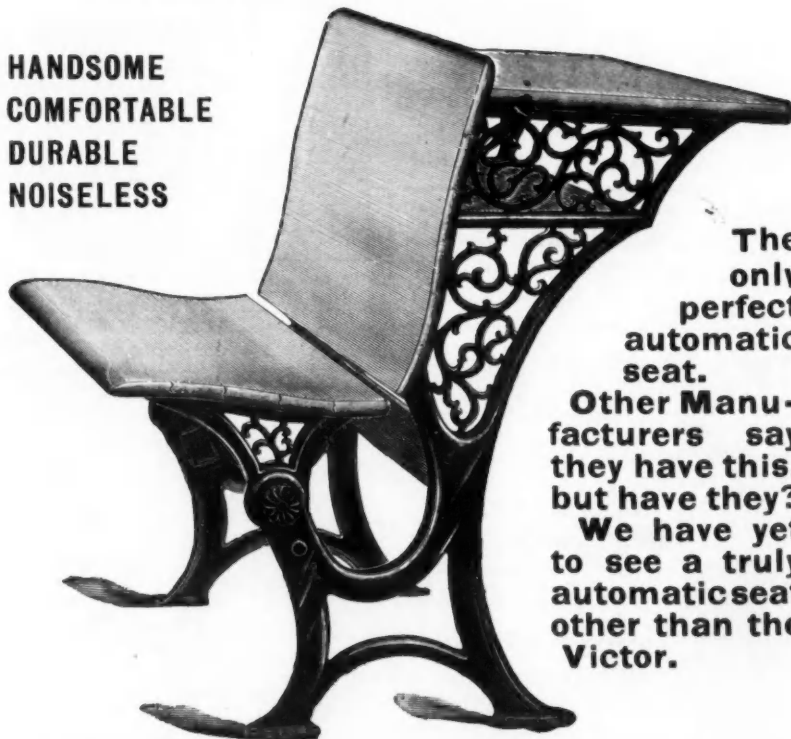


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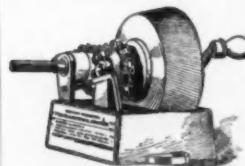
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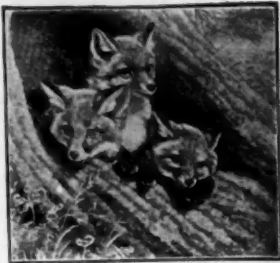
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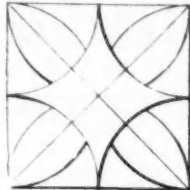
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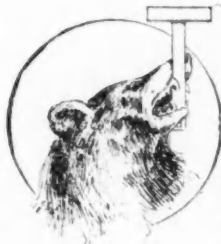
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THE AMERICAN School Board Journal

VOL. XIV.

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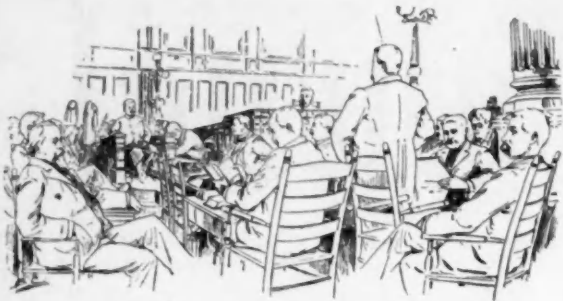
No. 3.



W. H. MAXWELL. A. P. MARBLE. DR. IDA BENDER. DR. W. C. SCHAEFFER. Supt. L. H. JONES. President C. B. GILBERT.
H. S. TADDELL. EDWARD J. JONES. DR. W. N. HALLMANN.

THE GREAT MEETING OF SCHOOL SUPERINTENDENTS.

Supt. L. H. Jones, of Cleveland, delivering his address on "The Province of the Supervisor," before the Department of Superintendence, N. E. A., at Indianapolis, Feb. 17th, 1897.



SCHOOL LAW.

Memphis, Tenn. A law makes it obligatory upon all candidates for county superintendents of schools to pass an examination before a special commission appointed by the county court.

Ithaca, Mich. Judge Daboll, in his charge to a jury recently as to the powers of a teacher, as far as the corporal punishment of a child is concerned, stated that according to the law the teacher has a legal right to punish the child, but without malice or the infliction of permanent injury. The law gives the teacher the power of moderate correction, and has confined the gradation of punishment within these limits to the discretion of the teacher.

St. Louis, Mo. The present school board charter endows the school board with all privileges and powers of an individual.

Salt Lake City, Utah. The supreme court of the state has handed down an opinion in which it is held that the schools of cities of the first and second class must be maintained separate and apart from country schools.

The state superintendent of schools of Illinois, in a recent decision says: "Mere temporary residence of a family in a district, solely to enjoy the benefit of free schools, and with the intention of removing as soon as that purpose is accomplished, does not entitle the children to the privileges of said school. The removal of a portion of the legal domicile to another district in order to send children to the free schools thereof, does not confer the right to do so, hence the privileges of a free school in another district are not acquired by placing children temporarily in that district."

The Supreme Court of Wisconsin has decided that a school board cannot exclude children who are not vaccinated.

SCHOOL LEGISLATION.

New York. A bill has been introduced providing for the printing and binding of school books by states prison convicts. \$5,000 is to be appropriated.

Kansas. A state school book scheme is to be considered, by which the state will publish its own school books.

California. A teacher's pension fund is receiving the attention of the legislature.

Bangor, Me. State superintendent Stetson of public instruction makes the following recommendations for the consideration of the legislature: That a state board of examiners be appointed whose duty it shall be to examine all applicants for positions as teachers in the public schools. That the school laws be so amended that no member of the superintending school committee shall, while holding that office, be eligible for the position of superintendent of schools or as teacher of any school in the town in which he is a legal resident. That the compulsory school law be so amended as to include all children between the ages of seven and fifteen years, and provide that they shall attend school for at least 24 weeks in each year, and that the penalties for non-attendance be so changed as to accomplish the purpose desired. That provision for the maintenance of a number of summer training schools for teachers be made, which shall give instruction in methods, and the subjects to be taught in the common schools, and that the sessions of the same shall not be less than four weeks in any given school.

In the Massachusetts legislature an act to reorganize the Boston school board has been introduced which in substance is as follows: "On and after Feb. 1, 1898, the school board shall consist of seven members appointed by the mayor, subject to confirmation by the Board of Aldermen. Two members of said board shall be women, and of the remaining five members no more than three shall ever be members of any one political party. The chairman of said board may be paid such salary as may be voted by the board, subject to the approval of the mayor, but all the other members thereof shall serve without pay."

Pennsylvania. The following amendments are proposed: First, that the age limit be extended from 8 to 14; that the law be made to include children between 14 and 16 who are not regularly engaged in some useful employment; that the time of compulsory attendance be made 80 per cent. of the entire school term, and in no case less than four months of each year; that school boards be authorized to establish special schools for incorrigible pupils and truants, where they may be committed until they submit to being taught; that the registration of pupils may be made either by the attendance officers or assessors.

Illinois. The legislature will be asked to provide free lectures on educational topics.

Indiana. It is proposed to compel teachers to pass an examination in Latin.

Connecticut. The legislature will be asked to inaugurate free text books—to pay tuition for pupils in rural districts to city high schools.

Colorado. A law will be urged compelling county superintendents to attend normal meetings of county associations.

A bill has been introduced in the Wisconsin Legislature which will give women in all third class cities the privilege of being appointed on school boards.

A bill is to be introduced in the Indiana legislature abolishing the study of German in the public schools of the state.

Greensburg, Ind. An effort is to be made in the legislature to secure the repeal of a law which requires township school trustees to publish annual reports of the receipts and expenditures of their offices. The law was conceived as a protection to honest trustee and the people. It was intended to be a blow at the knavish practice of loading townships up with unnecessary supplies, and is so operating. The law ought, therefore, not to be repealed.

NEW RULES AND REGULATIONS.

St. Louis, Mo. The school board has adopted a resolution which requires that all its officers and its committees, in giving out contracts, specify and insist upon all contractors, or anyone working for the St. Louis board of public schools, in making their bids, to specify that they are employing union labor only; and further that all printing, whether by contract or otherwise, shall bear the imprint (when practicable) of the printing trades label, as registered with the secretary of state of Missouri. The officers and committees are also instructed to employ as inspectors only such person or persons as belong to a union recognized by the building trades' council.

Kansas City, Mo. According to the rules of the board of education governing the schools, the teachers are left free to inflict punishment upon the pupils as they see proper, so long as they do not abuse the power delegated to them.

New York City. A rule adopted by the board requires that children attend the school in their own district and no other.

Sandusky, O. The pupils of the public schools have been requested to bring their own tin cups, as a precautionary measure against disease.

Chicago. A notable extension of the principles of the merit system has been decided upon by the board of education. Hereafter the principal of



HON. JOHN R. KIRK,
State Superintendent Public Schools,
Missouri.

admission to employment, as the result of an educational test, and of promotion from inferior to superior positions by seniority in service, if supplemented by meritorious performance of duty, will govern in the public schools.

Milwaukee, Wis. The board has adopted a rule which provides that principals shall report in detail the instances of tardiness among the teachers each month, and the secretary of the board shall send to the commissioners of each ward duplicate copies of these reports. Repeated cases of tardiness on the part of any teacher without satisfactory cause shall be deemed sufficient ground for suspension of the teacher. By tardiness in this section of the rule is understood a failure of the teacher to be present at the time that the doors are open to admit the children into the schools. Another clause of the resolution as adopted, authorizes the finance committee to deduct from salaries according to the scale now in vogue for tardiness after the opening of the session.

A teacher in Illinois at the time of a recent snow, made a rule that each child wearing rubbers should bring a clothespin. On arrival the teacher wrote the bearer's name on the pin, and it was then used to couple the rubbers. There were no mismatched, exchanged, or stray rubbers in that school.

Albion, Ia. The school board has passed a resolution forbidding teachers employed in the public schools to attend dances, etc., holding that keeping of late hours in doing the same unfits a teacher for the duties of the school room.

Kansas City, Mo. The board of education has adopted the following resolution unanimously: "Resolved, that the board deems it unwise to take any action in regard to employing union labor, or as to inserting an eight-hour clause in its contracts, but we believe this whole matter ought to be left to the contractors and laborers to settle between themselves."



MISS PRIMARY TEACHER (to her little brother): Willie, this is our new school board president. He abolished corporal punishment, so you must be real nice to him.

WILLIE: That is good. Sister spansks me every day. Won't you please abolish her too.

Saginaw, Mich. The board of education is considering the adoption of the following resolution: "When teachers are absent from their respective rooms the superintendent shall supply such vacancies temporarily by substitutes. Teachers absent for any cause satisfactory to the superintendent and committee on teachers shall receive the difference between their regular pay and the pay of the substitute teacher for a period not to exceed ten days in any month, except in case the substitute teacher is a pupil teacher, when the absent teacher shall receive twenty-five per cent. of their regular pay; when teachers are absent longer than ten days they shall receive twenty per cent. of their pay for a period not to exceed twenty days longer."

Lynn, Mass. The teachers have been instructed not to impose writing lessons or other exercises likely to injure pupils' eyes when the light begins to fail.

Lincoln, Ill. The board of education has decided that in all grades below the high school pupils who fail after one month's trial shall be put back to the next lower class or grade, while in the high school they are to drop one or more studies in order to maintain their standing in the classes.

Ludington, Mich. The school board has decided that children entering school for the first time would have to do so either with the beginning of school in September or with the commencement of the second half of the school year in February.

Helena, Mont. The board of education has decided to enforce the section of the political code of the state which provides that any parent, guardian, or other person, who shall insult or abuse a teacher in the presence of the school, or anywhere on the school grounds or premises, shall be deemed guilty of a misdemeanor and liable to a fine of not less than \$10 or more than \$100.

Bement, Ill. The board of education has abolished football within its jurisdiction.

Escanaba, Mich. Board has passed a resolution to the effect that teachers who may be, from any cause, unable to discharge their duties, must provide substitutes at their own cost, or lose their pay for the time they are off duty.

Duluth, Minn. Supt. Denfeld has issued a circular letter to teachers, notifying them that pupils on cold mornings, arriving at the building before 8:40 must be admitted, and under no circumstances allowed to remain out of doors, the rule to the contrary notwithstanding. The superintendent holds that rules should be carried out according to the spirit, and not always in accordance with the letter.

Norfolk, Va. The action of the board some time ago in regard to the exclusion of a pupil from the school who had not been vaccinated, has been rescinded.

Philadelphia, Pa. The board of education has adopted an amendment to the rules relative to the attendance of pupils in the schools, by which only children actually present every day are to be computed in the averages for the month. Another amendment adopted is to the rules representing the granting of teachers' certificates, and is designed to increase the proficiency of kindergarten teachers.

Columbus, O. The following has been added to the board of education code of rules: "Book agents, canvassers, solicitors for entertainments, money subscriptions for any purpose whatever, or vendors of special articles are prohibited from plying their calling in any of the school buildings at any hour whatever during the day or night. This rule is imperative, and any principal or teacher who countenances or encourages a violation of its provisions shall be deemed guilty of a misdemeanor and be punished by reprimand or suspension from duty as the board may direct. Teachers shall give no notice of shows, exhibitions, or other public affairs in their schools, or take up collections, or start any subscriptions of any kind among the pupils without the consent of the board of education."



HON. WM. N. SHEATS,
Superintendent of Public Instruction,
Florida.

Lawrence, Kas. The board of education, among other rules, has the following: All pupils in the high school taking lessons in Latin, Greek, German, or French, will pay a fee of \$1.50 a term for each of said languages studied.

Newark, N. J. The school board has abolished the recess by way of experiment. The pupils do not like the change and many have protested.

Fresno, Cal. The following are the rules of the board of education relating to absence and tardiness of pupils: Any pupil who shall be absent five half days, or tardy five times in any one term without valid excuse, shall be suspended, and be restored only by written order of the superintendent; provided principals have the power to excuse absence or tardiness in case of inclement weather, death in the family of the pupil, or for withdrawal from school on account of fear of exposure to diseases; excepting the above provision the only valid excuse for absence or tardiness shall be sickness of the pupil, or sickness of some member of the family requiring the immediate attendance of the pupil at home. Teachers cannot excuse except for cause, and all such excuses shall state the reasons for such absence or tardiness, in accordance with the rules adopted by the state board of education, in accordance with sub-division 1 of section 1521 of the political code, and required by law to be enforced in all the public schools. The board delegates to teachers the right to judge all excuses. In case of doubt the teacher may consult the principal or city superintendent. In case a teacher decides an excuse for absence or tardiness to be insufficient, the parents or guardians shall be notified. No pupil shall be allowed to be absent during the regular session, for the purpose of receiving any kind of instruction, either secular or religious. Pupils shall not be sent home during school hours for excuses for their own delinquencies.



DISTRIBUTING CLOTHING TO THE POOR IN
A CHICAGO SCHOOL.

AMONG BOARDS OF EDUCATION.

Binghamton, N. Y. Mayor Green, in his message to the common council, recommends that the school commissioners should be appointed by the mayor on the non-partisan principle, and not elected by the people at the municipal election.

Toledo, O. The School Suffrage Association adopted a resolution to the effect that it would be to the best interest of the schools not to hold the election for the school board at the same time as municipal elections as it would eliminate partisan politics from unduly influencing selection of members for the school board.

Philadelphia, Pa. Prof. Nicholas Murray Butler, of Columbia university, New York City, in a recent address delivered in this city on "The Administration of City Schools," said in part: "The best school system I have yet been able to discover is, first, an absolute centralization of power, authority and responsibility; second, control of the school system by a small appointed board of education, representing the whole community, and not a political party, religious sect or part of the city; third, a total divorce of politics from the school administration. There should be three great bureaus—the bureau of education, bureau of construction, and bureau of finance. With such a system, if the work is not multiplied too much in detail, requiring yards of red tape to pass a bill for a pound of nails, the best citizens will readily take the positions on the board. Such a system is absolutely simple and workable."

Chicago. John F. Wolff succeeds F. M. Blount on the board.

St. Louis, Mo. The civic federation is urging a school board reorganization.

Utah. A state board of education is among the things contemplated by the legislature.

Cohoes, N. Y. The pictures of all ex-presidents of the board of education will be placed in the meeting room of the board.

Penn Yan, N. Y. Prof. McLachlan emphasized the need of having more male teachers in high schools. He said he did not for a moment under-rate the noble work being done by the lady teachers, but added that the education of our youth could only be well rounded out by, somewhere in the course, coming in contact with the complementary influence of a male instructor.

Boston. The school board here is chosen by popular vote. A movement is now on foot to have an appointive board.

San Francisco, Cal. The board will employ women for census takers.

St. Louis, Mo. Women are making strong efforts to bring about the enactment of a law which will permit them to serve on school boards throughout the state.

Detroit. School Inspectors John E. Clark and Robert L. Hall are urging for enactment, a salaried school board of five members, to be elected at large for four years, meet once a week and receive a salary of \$1,200 a year each.

Waynesboro, Pa. The school board of Center township has decreed against male teachers who use tobacco.

Hoboken, N. J. The board is urging legislation, which will give them power to purchase grounds and erect schools. This power is now in the hands of the council.

South Omaha, Neb. Owing to shortage in funds a shortening of the school year is contemplated.

Franklin, Pa. Heard county has been allowed \$1.92 for the education of each child for the coming year.

Freeport, Ill. The board of education has chosen the architect firm Reeves & Bailey, of Peoria, to draw the plans for the proposed new school house.

TEXT BOOK ADOPTIONS.

Troy, N. Y. High school: Bergen's elements of botany for reference; Myer's Ancient history of Greece and Rome, Montgomery's leading facts of English history in place of Anderson's, Joyne's German reader in place of Brandt's, Dana's text-book on geology, fourth edition, for schools and academies.

Canton, O. Shepherd's chemistry.
Rocky Hill, Conn. Frye's geography.
Aurora, Ill. Elements of botany in place of Gray's school and field book of botany; Halleck's psychology.
Mauch Chunk, Pa. Mitchell's geography.

Tarr's physical geography has recently been adopted for the high schools of Kansas City, Council Bluffs, Marshalltown, South Bend, and the State normal school at Oshkosh.

Troy, N. Y. Bergen's elements of botany, Myer's Ancient history of Greece and Rome, Montgomery's leading facts of English history, Joyne's German reader, Dana's geology.

Joliet, Ill. Bergen's elements of botany.
Marshfield, Wis. Sheldon's algebra.
Rushville, Ill. Natural music system.

Aurora, Ill. Bergen's elements of botany, and Halleck's psychology.

Worcester, Mass. Natural vertical writing system.
Middletown, O. Eggleston's first book American history.
Leavenworth, Kas. Gradatim, a Latin text-book.

Waltham, Mass. Frye's geography.
Paterson, N. J. Judson's Standard music reader, book III; Dole's American Citizen, Tilden's commercial geography, De Ogie's Viri Romæ, Greenough & Kittredge's Virgil.

Philadelphia, Pa. School physiology journal.

TEXT BOOK NEWS.

Macon, Ga. There is an ordinance now pending in the city council to prohibit the importation and sale of second hand books. It has the recommendation of the board of health.

Arkansas. A sentiment for text-book uniformity is being created.

Minnesota. State Superintendent of Public Instruction Pendergast, in his biennial report regarding the free text-book system, says: "The system has rapidly gained in favor. At present not less than sixty per cent. of all districts are loaning text-books to pupils free of charge and always with the most marked satisfaction. The advantages are wide reaching and significant. A few districts report a cost of but eighteen cents, while a greater number report a cost of thirty cents per pupil, while the normal cost of buying the books is not less than ninety-five cents per pupil. This low rate does not include the first cost of purchase, which averages \$1.50 per pupil. The free text-books have fared well at the hands of the pupils, there being little loss from wear and tear."

South Dakota. The suggestion of Gov. Lee that the state should print and publish its own school books, is to be acted upon at once, although it is doubtful if the bill proposed can become a law. There are forty-five counties in this state that have practically a uniform series of books for the schools, but no two counties have the same series of books. The cost of text-books for the public schools amounts to \$50,000 a year, and as a very general impression prevails that these books could be furnished by the state at a considerably less figure than this, the state of California is cited to prove that experience shows that, on the contrary, it has been a very expensive and unsatisfactory experiment.

The new Freeman's plant study, a combination of Herbarium, and book for analysis of plants, published by W. A. Olmsted, Chicago, will be found of great assistance to classes in botany. It has met with a very large sale considering the time it has been on the market, and it will pay any teacher of botany to look up this publication thoroughly. The firm, W. A. Olmsted, handles a complete line of botanical supplies.

Georgia. The governor has appointed the state school book commission, which the legislature authorized at its November session.

The following gentlemen compose the commission: Mr. T. D. Tinsley, of Macon, Mr. W. B. Meritt, of Valdosta, and Mr. J. C. Beauchamp, of Pike county. State School Commissioner Glenn is made ex officio member of the board, and Mr. Henry R. Goetchius, of Muscogee county, is attorney for the board.

Hinds & Noble, of New York City, the well known headquarters for school books of all publishers, have taken the store adjoining their present quarters, and will now occupy,

in addition to No. 4 Cooper Institute, the stores Nos. 5, 13, and 14, thus securing not only commodious warerooms but also ample light, as these stores run through from Fourth avenue to Third avenue, with two full window fronts on Fourth and two on Third avenue.

Cleveland, O. A copy of Howe's historical collections of Ohio has been placed in each of the city schools.

Lockport, N. Y. The free text-book system has been introduced in the public schools.

Detroit, Mich. The fad of teaching spelling without a spelling book in the schools of Calhoun county has been abandoned and the spelling book has been restored to its old time place.

The American series of drawing it is said, has been almost universally adopted in the Lutheran parochial schools and colleges. It has recently been adopted in a number of private schools and colleges. Sample copies of the American series of drawing will be sent upon application to teachers at one-half price. Write the Concordia Publishing Co., St. Louis, Mo.

Salem, Mass. Frye's geographies have been added to the list of text-books.

Moline, Ill. The board of education has memorialized the legislature in favor of the free text-book system.

Kansas City, Mo. Supt. J. W. Greenwood is opposed to a bill before the legislature providing for uniformity in text-books throughout the public schools of the state.

Peoria, Ill. The Woodford county teachers' institute has adopted resolutions calling upon members of the legislature to use their influence to secure the passage of laws for district ownership of school books.

Muskegon, Mich. The board of education has received a communication from Scott, Foresman & Co., Chicago, regarding their new book, "Readings from the Bible" and its introduction into the schools, stating that its selections were scrupulously non-sectarian, and that it was in use in the schools of many cities.

Louisville, Ky. No changes in text-books will be made hereafter unless recommended by teachers and principals.

President Taylor, of the Kansas state normal school, is opposed to the free text-book system on sanitary grounds. He fears that books passing from one family to another would transmit the germs of disease, as he is quite sure that the vermin would thus be distributed.

Cleveland, O. Mrs. Elroy D. Avery is the foremost champion of the free text-book movement, which has been inaugurated in this city.

St. Louis, Mo. Supply Agent Bryan has caused notices to be sent through Supt. Soldan, to all school teachers and principals, notifying them that no more free books will be furnished this scholastic year.

The practice of furnishing free text-books in public schools is increasing. Ten of the states now make the furnishing of free books compulsory upon the school authorities, and nine others have passed laws permitting them to be furnished by the authorities. The adoption of a series of text-books to be used uniformly by all counties appears to be a preliminary step to the inauguration of the free-book plan. The fact is well known that books can be purchased by a state for all of its schools at a much smaller cost than they can be procured at retail by parents.

Duluth, Minn. The free text-book bill which has been introduced in the legislature provides that no school district shall receive any of the state funds unless it has introduced the free text-book system.

Worcester, Mass. The board of education placed the following books on the list for supplementary reading: Stories of American Life and Adventure, by Eggleston; All the Year Round, three volumes, by Strong; Nature's By-ways, by Ford; Plants and Their Children, by Dana; Old Time Stories, by Smythe; Myths of Old Greece, by Pratt; Tales From English History, by Rolfe.

The Ellsworth Co., 101 and 103 Duane street, New York City, have just issued a prospectus of the Ellsworth's illustrated lessons and lectures on penmanship, which consists of a quarto volume in cloth binding, to be sold only by subscription.

Prof. H. W. Ellsworth is the author of a pioneer text-book entitled "Philosophy of Penmanship," which made its appearance in 1862. The company will engage a number of agents to push this work.

Lincoln, Neb. Among the bills introduced in the legislature is one to provide for the publication of school books by the state. It provides for an educational commission, comprising the governor, superintendent of public instruction, and attorney-general, which shall provide for the publication of all school books used in the state. The books should be sold to school districts at the actual cost price. The commission is authorized to provide for the compilation of books by competent authors, or the procuring by purchase of the copyright of educational works, or to provide for the copyright in the name of the state. A course of study shall be established by the commission and no school district shall be entitled to share in state funds until it has complied therewith. The commissioners shall each appoint a secretary, to be paid \$1,500 a year. Each secretary must give a bond not to enter into any agreement with any book trust. The printing of books shall be by contract, let to the lowest bidder by the state printing board, the successful bidder to give a \$50,000 bond.



PROF. A. W. DRURY, D. D.,
Pres. School Board,
Dayton, Ohio.

SCHOOL OFFICERS ELECTED.

Dayton, O.—G. H. Kline, member.

Hamilton, O.—C. F. Eichhorn, member.

Chattanooga, Tenn.—Chas. R. Head, president.

Akron, O.—Prof. R. S. Thomas, of Warren, \$2,750.

Penn Yan, Pa.—Chas. B. Shaver, secretary, re-elected.

Syracuse, N. Y.—Daniel M. Lanigan, member Fourth ward.

Kansas—Twenty out of 105 county superintendents are women.

Lexington, Ky.—Dr. Lyman B. Todd, Wilbur R. Smith, members.

Nashville, Tenn.—E. G. Connett, president, W. R. Payne, secretary.

Cheney, Wash.—W. J. Sutton, principal State Normal will retire March 1.

Central Falls, R. I.—Stephen L. Adams, president, Henry C. Dexter, secretary.

Pennsylvania—State Supt. N. C. Schaeffer's term expires soon. He is a Democrat, while Gov. Hastings, who appoints, is a Republican. A strong effort will be made to retain Mr. Schaeffer. He has proven himself efficient.



JASPER SIPES,
Pub. Okla. School Herald,
Oklahoma City, Okla.



Prof. D. R. BOYD,
Pres. University of Okla. and Ex-Officio
Member Terr. Board of Education,
Norman, Okla.



HON. O. A. NICHOLS,
Territorial Superintendent,
Oklahoma City, Okla.



Prof. S. N. HOPKINS,
City Supt. Schools and Sec'y Territorial
Board of Education,
El Reno, Okla.

THE SUPERINTENDENTS' MEETING

AT INDIANAPOLIS, FEB. 16, 17, AND 18.

The annual meeting of the Department of Superintendents was attended by over 500 educators. These included all grades of superintendents, representing all parts of the country.

Prof. Wm. T. Harris, F. Louis Soldan, Newton C. Dougherty, and many other notables were present. Among the absentees were Col. F. W. Parker, Dr. N. M. Butler, and others. With the exception of Georgia, Kentucky, and Missouri, the Southern states were poorly represented.

Good hall and hotel accommodations were furnished. Also a pleasant reception. Supt. Goss, of Indianapolis, did himself proud. He had even arranged for delightful spring weather.

At the opening meeting W. N. Hailman read a report of the committee appointed at Jacksonville, Fla. This committee had been instructed to submit "plans and collect data concerning methods and courses of work in primary schools, tending to promote a vital conception between school studies and the educational development of child and of man."

Dr. Nathan C. Schaeffer, state superintendent of public instruction of Pennsylvania, then read the paper on the report. Discussions followed, in which Edward R. Shaw, dean of the school of pedagogy of the university of New York, C. F. Carroll, Supt. of Worcester, Mass., schools, Dr. E. E. White, of Columbus, O., and Dr. Wm. T. Harris, took part.

The second meeting was opened by L. H. Jones, Supt. of schools, of Cleveland, O., by an address on the "Province of a Supervisor." A paper entitled "Supervision as Viewed by the Supervised" was read by Sarah L. Brooks, supervisor of kindergartens and primary schools, St. Paul, Minn. Discussions by C. F. Carroll, of Worcester, Mass., Sarah L. Arnold, Boston, Mass., John W. Carr, Anderson, Ind., and Frank B. Cooper, of West Des Moines.

"The Correlation of Educational Forces in the Community" were treated by Samuel T. Dutton, of Brookline, Mass., on the third day. This was followed by "The Relations of Citizens and Teachers," by Dr. Ida C. Bender, of Buffalo, N. Y., and "The Proper Use of School Houses," by Aaron Gove.

Discussions by R. H. Halsey, E. B. Prettyman, J. A. Shawan, and B. C. Gregory followed.

The "Round Tables" were rich in program and interesting in discussion.

The following are the officers for the coming year: President—N. C. Schaeffer, superintendent of education of Pennsylvania.

First Vice President—Frank B. Cooper, superintendent of the West Des Moines, Ia., schools.

Second Vice Pres.—E. H. Mark, Louisville, Ky. Secretary—W. L. Steele, Galesburg, Ill.

A resolution providing for the appointment of a committee of seven to formulate a detailed plan on elementary education to be submitted at the next annual meeting was adopted.

Next year the meeting will go to Chattanooga, Tenn.

A Complete List of those in Attendance.

CITY SUPERINTENDENTS.

ARKANSAS.—J. H. Hinemon, Pine Bluff.
 COLORADO.—Aaron Gove, J. H. Van Sickle, L. C. Greenlee, Denver.
 CONNECTICUT.—C. H. Kendall, New Haven; E. A. Stuart, New Britain.
 CANADA.—J. L. Hughes, Toronto.
 DISTRICT OF COLUMBIA.—W. B. Powell, Washington.
 GEORGIA.—J. S. Stewart, Marietta; G. G. Bond, Athens; D. Q. Abbott, Macon; J. H. Whitcomb, Dawson; Otis Ashmore, Savannah; W. Harper, Americus; Lawton B. Evans, Augusta; J. C. Beauchamp, Williamson; N. E. Ware, Hawkinsville.
 ILLINOIS.—C. M. Bardwell, Aurora; O. T. Bright, county superintendent, Ella F. Young, W. W. Speer, Assts., Albert G. Lane, Chicago; N. C. Dougherty, Peoria; Jos. Carter, Champaign; R. G. Young, Rock Island; W. L. Steele, Galesburg; G. R. Shawan, Champaign Co.; D. S. Beggs, Canton; B. F. Armitage, Mattoon; J. W. Henninger, Jacksonville; E. A. Gastman, Decatur; W. H. Campbell, Joliet.
 INDIANA.—W. H. Wiley, Terre Haute; J. N. Study, Ft. Wayne; W. H. Herschman, New Albany; Will P. Hart, Covington; J. H. Tomlin, Shelbyville; W. R. Snyder, Muncie;

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SCHOOL SESSIONS.

Paterson, N. J. The hours of tuition have been fixed from 8:45 a. m. to 12:15 p. m. and from 1:15 to 2:30 p. m.

West Hartford, Conn. The school sessions have been fixed from 9 to 12 a. m. and 1 to 3 p. m.

Mazeppa, Minn. The following is one of the board's established rules: There shall be two daily sessions in all the departments, with a recess of fifteen minutes in the first, and of five minutes in the second session. The first session shall commence at 9 o'clock a. m. and close at 12 m. The second session shall commence at 1:30 o'clock p. m. and close at 4 o'clock p. m. This shall apply to all departments except the primary, which shall close at 11:45 a. m. and 3:45 p. m.

Manchester, N. H. The board of education has abolished the one session plan and put in operation the two session plan.

Council Bluffs, Ia. The board of education has decided to make a trial of the one session plan in the high school.

Auburn, Me. The time of grammar school sessions has been fixed as follows: begin at 8:45 a. m., close at 11:45 a. m., and afternoon begin at 1:30 and close at 3:40 p. m.

Racine, Wis. The board of education is considering a proposition to change the hours of the Racine high school from 9 to 12 a. m. and 1:30 to 4 p. m., to 8:45 a. m. to 2:15 p. m., with perhaps thirty minutes for dinner.

Lynn, Mass. The school board has fixed the school hours for the winter months as follows: 8:45 to 11:45 a. m.; 1:45 to 3:45 p. m.

APPOINTIVE OR ELECTIVE BOARDS.

A Boston subscriber writes us as follows: "I have been greatly interested in the discussion in your journal relative to the school board, whether it should be small or large, appointive or elective, selected at large or by wards, etc. I indorse in the main your position. To my mind the solution can never be positive. Each locality must settle this question itself and in every locality the solution will change with changing conditions. The New York board has always been a very strong board. It is an appointive board. Boston has varied greatly, while the members are selected at large. St. Joseph, Mo., has had a strong board when all members but president are elected by wards. The president at large. Denver has had a very strong board (small in size), elected often with only 175 votes cast in the whole city, but now a change has begun. In Kansas City there are mutterings of the coming change and their small board might then probably become a great instrument of oppression. Omaha has tried many plans of electing members, and the board has varied in size from five to fifteen, the present number.

The personality of members of school boards in New England is not in any way greater than that in the West. This refers to the quality or net weight of the members so far as ability, character, and standing in the community is concerned.

The efficiency of school boards in the East is not in any sense greater than that of boards in the West.

The Providence, R. I., school board, with fifty-eight members, is as efficient as the Lowell board, which has but nine members.

Superintendents have just as much power in the East as they do in the West, and, generally speak-

ing, as much as they ought to have. The school board is a jury; the superintendent should be able to convince this jury of the wisdom of his advice; if he can't it is because he lacks knowledge of the subject, or lacks willingness to try to explain. The stronger the superintendent, the less he talks about having more power. A strong man always disclaims power. He sees that his power comes through the board from the people. The Cleveland plan would be the very worst possible for most large cities. It may be possible that a board may be what is termed a corrupt one, and yet be a most excellent board so far as the conduct of the schools is concerned. For instance, the St. Louis board has had a bad name for years, but in no city that I know of has there been such support given to teachers and superintendents, and often the very worst board was, strange to say, the very best board for the schools on the side of instruction. Now this sounds like heresy, but every man who has had a large experience with boards of education can parallel my statement out of his own experience. You cannot establish a monarchical institution upon a republican basis. No people ever willingly gave up the franchise after they had once tasted its sweets. Here are the extremes: Pittsburgh and Washington; Philadelphia and Cleveland; Denver and St. Paul; Omaha and Kansas City; Milwaukee and Minneapolis; St. Louis and Brooklyn; St. Joseph, Mo., and Portland, Or.; Lowell and Worcester; Providence and Indianapolis.

NON-RESIDENT TUITION FEES.

Lorain, O. Board has decided that hereafter all non-resident pupils in the public schools of the town must pay \$10 a year tuition.

Abilene, Kas. Board fixed the tuition rates of non-residents as follows: Grades \$1.25, and high schools \$1.50, payable monthly in advance.

Ellsworth, Me. The tuition fee for out of town pupils has been fixed at \$5.

Westbrook, Me. The board has voted that a tuition fee be adopted for all pupils attending the city schools from other municipalities as follows: High school, \$20 per year; grammar \$15; intermediate and primary, \$10. This fee is to be paid at the close of each year, and no pupil shall be admitted to the school for a new term until the tuition fee for the previous term is paid.

Hoboken, N. J. The tuition fee for non-resident pupils was fixed at \$12.

Fort Worth, Tex. Board has passed a resolution instructing the superintendent to strictly enforce the law and collect tuition from all outside pupils.

Beardstown, Ill. The tuition for non-residents as fixed by the board, payable quarterly in advance, is \$10 a year for the primary grades, \$15 for the intermediate grades, and \$20 for the upper grades and the high school.

Stockton, O. Board has decided to charge non-resident pupils a tuition fee of \$5.

Steubenville, O. The following are the tuition rates for non-resident pupils: Primary school per month, \$1.25; grammar school per month, \$2; high school per month, \$2.50.

SPECIAL STUDIES.

Philadelphia. Vertical writing was authorized three years ago as an experiment. The result will now receive attention.

Hoboken, N. J. The Italian residents want their language taught in the schools. It is feared that their agitation will drive all foreign languages from the schools.

Kansas City, Mo. The new manual training school will be ready next fall.

Stamford, Conn. Cooking has been added to the course of study.

Albany, N. Y. \$1,300 has been appropriated for a cooking school department.

Salt Lake City. Two local artists are vigorously

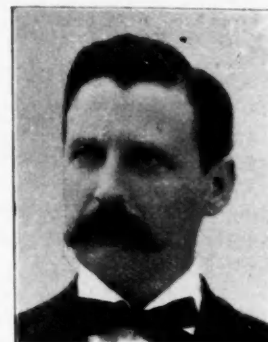
attacking the drawing system in the public schools.

Indianapolis. Machine fitting has been added to manual training.

Indiana. The state superintendent is urging Latin as an optional study.

Marshall, Mich. Physical culture has been introduced.

Cumberland, R. I. Physical culture has been dropped.



S. M. KELTNER,
Pres. Board Education,
Anderson, Ind.

AMONG BOARDS OF EDUCATION.

Hamilton, O. A resolution passed by the board authorizes the clerk of the board to hereafter certify the pay-roll when it falls due, without a meeting of the board.

Mt. Carroll, Ill. A system of self-government has been inaugurated in the high school. The pupils elected five judges, five jurors, a sheriff, and two deputies. Each evening action is taken upon any violation of rules or misdemeanor by a pupil according to regular proceedings. The plan seems to work well and satisfactory.

Columbus, O. A resolution relative to keeping canvassers and solicitors out of the school building has been passed by the board.

Milwaukee, Wis. A resolution providing for the abolition of corporal punishment in the schools has been indefinitely postponed.

St. Louis, Mo. The school officials have decided to inaugurate the fire drill in the schools. Supt. Soldan is preparing a letter of instruction to the principals, asking them to have an understanding with the teachers, looking to the education of the children in case of danger.

Beaver Falls, Pa. The board of education has purchased a Tellurian globe. It shows the motions of the earth and all the heavenly bodies as related to it.

The average salary per month paid to male teachers in the state of New Jersey is \$83.03 and to the female teachers, \$48.13.

Wheeling, Pa. The board has fixed the salaries for substitute teachers at \$1.50 per day.

New York City has begun the experiment of employing 150 medical inspectors at \$30 a month each to make daily examinations of the children in the public schools. The chief inspector gets an annual salary of \$2,500.



JOHN F. WOLFF,
New Member of the School Board, Chicago.



MILES FREDERICK GILBERT,
Pres. Board Education,
Cairo, Ill.

SCHOOL HOUSE HYGIENE.

WM. V. BACKUS, EX-PRESIDENT CLEVELAND SCHOOL COUNCIL.

(Read before the Department of School Administration, Buffalo, N. Y.)

We always leave to the last that which is uppermost in our minds. In the arrangement of the thoughtful discussions before this convention, your committee has appropriately left to the last the subject which rises above and beyond all others in importance—namely, that of school house hygiene. In the light of our present scientific knowledge of hygienic conditions, the unhealthy surroundings which have obtained in a large proportion of our school houses, seems little short of criminal. Spelling and scarlet fever, arithmetic and consumption, writing and deformities have gone hand in hand in the education of our children. We plant with infinite care the seeds of knowledge in their minds, and with proportionate carelessness engraft the seeds of disease in their frail bodies. In the lower grades the dangers are intensified. The physical structure of the small child is extremely plastic, the bones are soft and easily distorted by improper positions in sitting, especially when writing. The resisting powers of children are much smaller than those of adults, and they sooner fall victims to bad hygienic conditions.

No greater wrong can be done a child than to deprive it of its possibilities for future health and happiness. Care for the physical should be the first thought of every wise parent and teacher. The old red school house of the past could not boast of the imposing curriculum which is the pride of our schools of to-day, but it sent forth robust, rosy-cheeked hearty boys and girls, well fitted to do battle with the world. There were no gymnasiums, no calisthenic exercises in that past, but there was an out-of-door life which developed brawn and quickened the brain. It is the lack of this, combined with the unhealthy conditions within the school of to-day, which makes toward puny, sickly, pale-faced, and too often under-sized children. Parents themselves could do much to remedy this state of affairs by evidencing the proper interest in the sanitary surroundings of their children. We look after these things in our homes with much care, but innocently trust our children to the most unwholesome conditions in the schools. Beyond a doubt if the school buildings were inspected with the same care that we have our homes inspected, a large number of them would be condemned. In fact, that is exactly what has happened to twenty-five or thirty school buildings in Boston, where a private commission interested itself in the matter. This number of school buildings were found either absolutely unsafe, or bordering on danger. If the proper investigation were made this same condition would be found to obtain to a greater or less extent in every large American city.

Some years of close observation of, and experience with, schools and school board work, leads me to make the following practical suggestions: The first consideration in building a school house is a suitable site. Sandy or coarse gravel soil is to be preferred. It should be dry; but no matter how dry may be the natural condition of the soil, a site without means of drainage should not be accepted at any price. The close relationship of consumption to excessive moisture of soil has been clearly demonstrated in England by Dr. Buchanan, and in America by Dr. Bowditch, of Boston. When we remember that a common brick will absorb a pint of water, and that moisture rises along the bricks of a building almost as fast as it would run up a series of lumps of sugar arranged on top of each other, the importance of this matter will be appreciated.

It is unnecessary to more than merely mention the fact that school houses should be built as far away from factories and manufacturing establishments of all kinds as possible; both by reason of the odor and noise which emanate from the latter.

The very laudable desire, manifested by most school boards to build school houses which shall be architecturally imposing and pleasing to the eye, too often leads to the erection of buildings in the more prominent streets. This I believe to be a mistake. Aside from the danger to children from such close proximity to railroad tracks, the noise invariably interferes with attention to school work. The proximity to other buildings impedes the free entrance of light and air, and, what is still more objectionable, the fine dust constantly raised by the heavy travel on such streets, invariably finds its way into the fresh air ventilating shaft, and into the rooms of the school building, where it is constantly inhaled into the lungs of the pupils. Whenever possible school houses should be built in side streets, away from the noise and dirt of travel, and surrounded by play grounds sufficiently extensive to admit of the greatest possible recreation.

Possibly the first thing which strikes the observant eye upon entering a school room is the improper seating of the pupils. Pupils are prone to fall into the habit of assuming bad postures during school work, but these are matters which can be easily controlled by the careful teacher. The greater danger as to bad positions arises from the fact that so large a proportion of the seats and desks are not adapted to the size of the pupil. Thus, upon a recent investigation in the Cleveland schools, I found in round numbers about 4,000 children whose feet did not touch the floor when seated. The resulting injury of this state of affairs is apparent. The impeded circulation of the blood retards natural and healthful development. There were over 14,000 children seated at desks which were either too high or too low for them, and unfortunately the evil was most apparent in the primary grades, where the attending results are most disastrous and far-reaching. The cramped and twisted positions induced by defective desks and seats not only produce more or less spinal curvature, but also uneven or round shoulders and flat chests, thus impeding the functions of heart and lungs. It is well nigh impossible to exaggerate the far-reaching injury attendant upon this state of affairs. According to Eulenberg, the distinguished German orthopaedic surgeon, ninety per cent. of the curvatures of the spine, not caused by actual bone disease, are developed during school life. The height of the seat should correspond to the length of the scholar's leg from sole of foot to knee. The desk should be of such height as will allow the under part of the forearm to rest comfortably on the desk top without compelling the pupil to either stoop forward, or raise the right shoulder above the left, while writing. The problem of properly seating the large number of children of equal age but unequal sizes which are found in every school room, can be absolutely solved by the use of the adjustable school desks and seats which have been recently placed upon the market. By the use of this adjustable furniture, a seat and desk can, in a few moments, be adjusted to the individual requirements of the pupil.

Where the matter of expense proves an obstacle to the use of adjustable furniture exclusively, there should be at least three sizes of the stationary seats and desks used and enough of the adjustable furniture to meet the requirements of each room. Even though the proper attention to these matters should necessitate some slight neglect of the intellectual processes in our schools, no matter. It is more important that the pupils be graduated from our schools with straight spines, square shoulders,

and a fair degree of intelligence, than that they should burst into view on commencement night with bulging foreheads filled with accumulated wisdom and concave chests filled with agonized viscera.

Another consideration in the healthfulness of school rooms is the matter of ventilation. It is doubtful if the full significance of the necessity of pure air in the school room is appreciated. Confined air, which has been breathed, steadily becomes like stagnant water, full of self-multiplying poison, deadly to human beings. Its virulence and the rapidity of its action when breathed over again and again have only too often been clearly demonstrated. In 1750, forty persons perished from putrid fever caused by breathing the foul air that issued from the prisoner's dock of the old Baily prison. Of this number, four were judges and the rest officers, barristers, and jurymen. A remarkable feature of this incident was that the victims "sat in the best ventilated part of the room," it is recorded, right in the current of the foul air as it was making its exit.

In the year 1756 the half-civilized nabob of Calcutta, confined for one night one hundred and forty-six individuals in a cell, known as the "Black Hole of Calcutta," eighteen feet long by fourteen feet wide, with two small windows. The following morning one hundred and twenty-three corpses were taken out, and twenty-three beings who could scarcely be said to be alive.

Fifty children in one school-room during the five school hours of a day, throw off through the medium of the lungs and skin as much carbonic acid as is equivalent to the solid charcoal or carbon contained in five pounds of coal; and as much vapor as would, when condensed, make a gallon of water.

The human breath also contains, in suspension, considerable volatile organic matter of highly putrefiable nature. Can anyone doubt that the human breath is a deadly poison? Is it to be wondered that the health of the children suffers when they are crowded in school rooms in which they are forced to breathe their own and other children's breath repeatedly? The drowsiness and languor so often noticeable in school children are not an indication of willful inattention, but of poor ventilation. Yawning is a cry of the nervous system for fresh air. Every school room should contain not less than fifteen square feet of floor area per pupil, and the window space should equal one-fourth of the floor space. Each pupil should be provided with twenty-five to thirty cubic feet of fresh air per minute. When the weather permits, as much fresh air should be introduced as open doors and windows will admit. There should be plenty of light—sunlight if possible. The children need the sunshine and air as much as do the flowers in the garden, or the lambs upon the hillside. The strain upon the eyes, caused by insufficient light, is a frequent cause of nervous headaches and defective sight.

The water intended for drinking purposes should invariably be purified either by boiling or filtration before being supplied to the pupils.

As a means of relaxation, the so-called physical culture exercises in the schools are of great value. But the idea that ten minutes of such exercise can undo the harm done by five hours of improper seating and breathing is fallacious. The most important work of the teachers of physical culture in our public schools should be along the line of prevention and correction of the many unhygienic conditions. In the main, however, the responsibilities must always be with the teacher. If the teacher be versed in school hygiene, as she should be, before being allowed to teach, she can tell better, or at all events sooner, than anyone else whether the building is in proper sanitary condition or not. If she finds it is not, it should be made an important part of her duties to report this fact to the proper school authorities without delay.

School hygiene is a subject which at all times demands our most careful thought and consideration, to the end that the great army of children who look to our public schools for their education, may not be robbed of the physical strength to make such education available.



E. R. MONFORT, L.L.D.
President Board Education,
Cincinnati, Ohio.

THE AMERICAN School Board Journal

DEVOTED TO
SCHOOL BOARDS, SCHOOL OFFICIALS, AND TEACHERS.

WM. GEO. BRUCE, - PUBLISHER AND PROPRIETOR
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We are publishing the only Journal devoted exclusively to School Boards and executive officers. We furnish information on the doings of School Board committees, including important executive actions, best methods of heating and ventilation, text-books, with prices and adoptions, school law decisions, models of school buildings, statistics upon salaries, publish the engravings of leading school men, etc.; briefly, we keep School Boards and Teachers abreast with the time.

THE N. E. A. AT MILWAUKEE.

The Local Committees at Milwaukee have been most active during the past month in the preparations for next summer's meeting. The large Exposition building has been decided upon for the general meetings. It can be arranged to accommodate seats for 15,000 persons.

The Committee on Hotels and Accommodations has begun its labors and will aim to induce the best families to open their homes for the reception of the guests. It is expected to secure accommodations for fifteen thousand people, while ample room will be found for those who wish to stop at hotels.

The Executive Committee has also decided to issue an official program and guide during the meetings. This publication will have for its aim only the giving of all such information as may be necessary and desirable to the visitors.

The Educational Exhibits will receive especial care. The Exposition building, where the general meetings are to be held, also offers ample space for the most complete educational exhibit ever presented at any N. E. A. gathering. This fact has been duly recognized and every facility will be offered to exhibitors to avail themselves of this exceptional opportunity.

All inquiries for circulars or pamphlets giving complete information should be addressed to

WM. GEO. BRUCE,
Sec'y Local N. E. A. Committee,
Milwaukee, Wis.

SCHOOL BOARD CONVENTIONS.

Another gratifying result of our agitation for school board conventions, or meetings by which members of boards of education come together for the discussion of problems in practical school affairs, is the latest movement inaugurated in the state of Missouri.

Hon. John R. Kirk, State Superintendent of Public Instruction in that state, has called a school board convention for Saturday, April 17th, at Moberly. Mr. Kirk has for some time recognized the feasibility and the advantages derived for educational interests in these meetings as conducted in other states, and has prepared a program in which the following vital questions will receive consideration:

1st. "Qualifications and Tenure of Office of School Board Members."

2d. "Manner of electing School Board Members."

3d. "School Architecture as Related to Sanitation."

4th. "School Architecture as related to Effective Instruction."

5th. "School Hygiene."

6th. "Literary and other qualifications necessary for the Principalship of a school having from five to fifteen teachers."

7th. "Literary and other qualifications necessary for the Superintendent over schools having from ten to fifty teachers."

8th. "Scholarship and other qualifications requisite for a high school principal, for a high school teacher, for a teacher below the high school."

9th. "What shall be done to incorrigibles?"

10th. "On what conditions should neighboring rural school students be admitted to the nearest high school?"

It is proposed to invite school board members from the northern half of the state of Missouri and to put this conference into their own hands, the State Superintendent, with the assistance and advice of City Superintendents, merely acting as the organizer.

TEXT BOOK LEGISLATION.

The legislative bodies in session in the various states have, among other things, occupied themselves, during the past month, with text-book problems. The number of measures introduced, aiming to cover one or the other phase of the introduction and distribution of school books, has been larger than in any previous year. A sudden awakening, which has developed into a mania in certain states in the direction of a change in the laws now governing the use of school books in the public schools, has manifested itself.

A review of the various measures introduced, some of which will go into effect, and many of which have been buried in committees or killed in open session, reveals a decided trend in the direction of free text-books. Where no such law has been in existence, the optional free text-book system has been urged, while in some states an effort was made to supercede the optional law by a compulsory one. As a rule we find that a compulsory free text-book law is considered almost too radical in its tenets to find ready recognition, while the optional law has met with smoother sailing and freer enactment.

State and county uniformity of text-books has also received its share of attention. This one question alone leaves a wide range for differences of opinion. The paternal-

istic flavor is noticeable in the arguments of those who urge county or state uniformity, and while possessing strong features from merely an economical point of view to recommend it, it may be condemned when viewed in a broader and more liberal spirit.

The state publishing schemes, by which the state becomes the publisher of the books used in the public schools within its territory, comes up as regularly as Banquo's ghost. One would suppose that the investigations into the subject, made from time to time, had for all time settled the question. The California fiasco, which is glossed over and maintained by designing politicians, ought to stand as a constant warning against a repetition. And yet the state of Kansas once more nibbles at a scheme by which that state is to save untold millions by entering into a scheme by which its government becomes author, publisher, printer, binder, dealer, book agent, etc. The cost as well as the beneficent results are figured out on paper—and on paper the whole scheme is planned, championed, and finally—collapses.

Among the favorite schemes which have developed are those which call for the printing and binding of school books by prison labor. The legislatures of New York, Illinois, and Wisconsin have such measures under consideration. These have been evolved by members whose vision and judgment is evidently narrow, and it is safe to say, without entering into a discussion on the merits or demerits of the proposition, that these measures will never go into effect.

SCHOOL HISTORIES IN THE SOUTH.

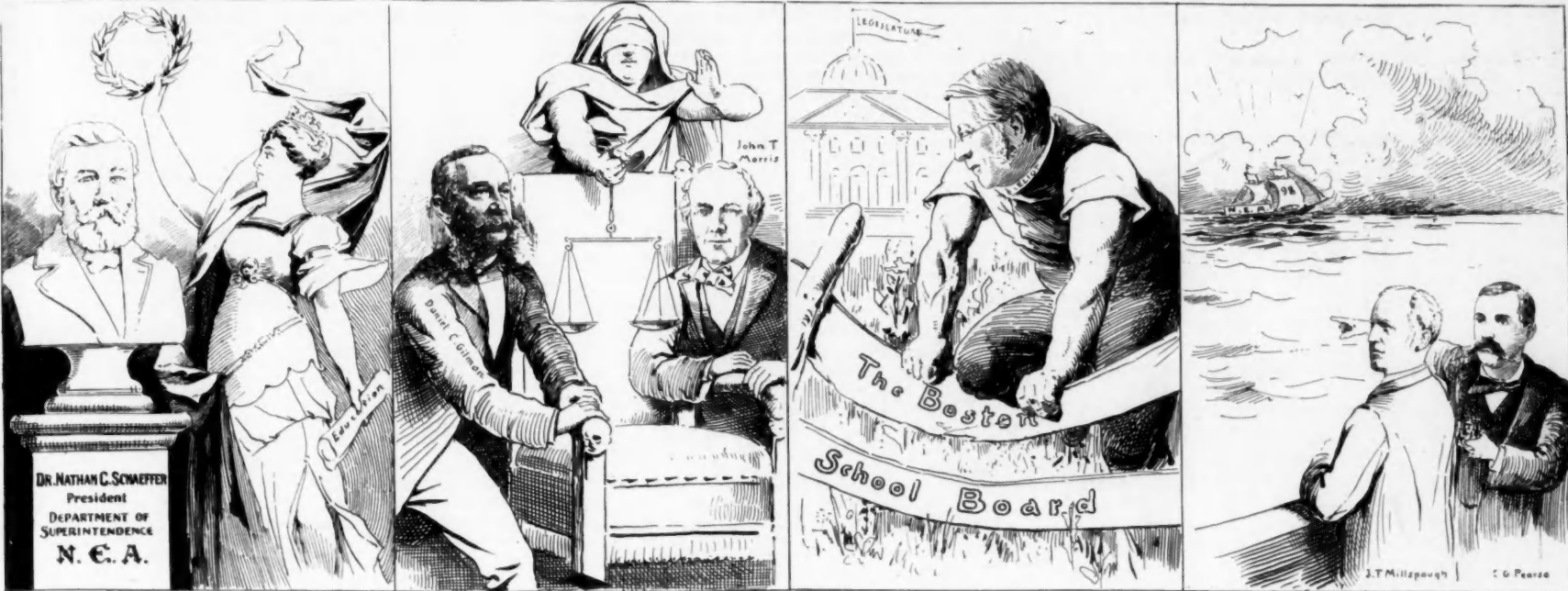
Communications have reached us from Southern states which resent most vigorously the assumption that school histories written from a strictly Southern standpoint, are either welcome or would be accepted if presented. It is held that a national and not a "sectional" school history is wanted, that the Southern people do not teach their children to regard the North with contempt or that the secession represented all the courage and virtue of the American people. One of these writers says:

"The truth is that southerners speak of the south as a section, just as the westerners speak of the west or the New Englanders of New England. It is a section, not only from a purely geographical point of view, but because of its peculiar character as an exclusively agricultural region and its social character as being inhabited almost wholly by native-born Americans. There is almost no foreign element, outside of a few seaport towns, such as New Orleans; the population is entirely homogeneous, and thus the south is a "section" at once unique and logical. The southern people have never sought for or desired foreign immigration upon any considerable scale. They are satisfied with the conditions under which they live and feel no strong disposition to experiment in amalgamation. They constitute the most conservative, the most distinctly American element in our population, and the time may come when the Anglo-Saxon race throughout the country will be glad that it is so."



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THE NEW SUPERINTENDENT OF SUPERINTENDENCE, ELECTED AT INDIANAPOLIS.

THE LAW TO DETERMINE BETWEEN BALTIMORE'S TWO SCHOOL BOARDS.

PRESIDENT ELIOT OF HARVARD ATTEMPTING TO BREAK DOWN A SCHOOL SYSTEM.

SALT LAKE CITY AND OMAHA SIGHTING THE N. E. A. FOR 1898.

THE WAR ON CIGARETTES.

The efforts of school boards in the various states in protecting the youth against the poison-laden, memory-destroying cigarette are at last being duly recognized. The enactment of rules by school boards, while not effective in reaching the desired results, have yet tended to create a sentiment which has now found its way into many state legislatures. A number of these have, while others are, taking steps to formulate suitable measures that will for all time banish the pernicious cigarette from the scene and lay the punishment where it properly belongs.

It may be of interest to our readers to present the reports gathered from the various states:

Alabama.—The house passed a bill prohibiting the sale or giving away any cigarettes.

Arkansas.—Bill is pending requiring cigarette dealers to pay an annual license of \$500 to the county and the same amount to the state.

Colorado.—A bill absolutely prohibiting the sale of cigarettes was laughed into an early grave here, notwithstanding it was backed by the most influential women of the state and had the unanimous support of the women representatives.

Connecticut.—The state law forbids the sale of cigarettes to children under 16 years. It is generally observed by dealers.

Indiana.—Anti-cigarette legislation is now being considered in committee. Four bills have been introduced. Two of these provided for licensing the sale of cigarettes and the others prohibit the sale to minors. One of the latter will probably be passed.

Kansas.—A bill prohibiting the sale and manufacture of cigarettes is before the house committee on temperance. It will probably be recommended for passage.

Kentucky.—The state law forbids the sale of cigarettes or cigarette material to boys under 18 years of age.

Maine.—A bill prohibiting the sale of cigarettes in this state is now before the committee on temperance. It is not thought the bill can pass, though the committee is likely to report favorably on it.

Missouri.—Bills have been introduced in the legislature prohibiting the sale of cigarettes or cigarette paper to minors. One of these bills will pass.

Massachusetts.—The Massachusetts law prohibits the sale or gift of cigarettes to minors. It is generally obeyed.

Montana.—The pending general license bill contains provisions for a special cigarette tax of \$10 a month.

Nebraska.—An anti-cigarette bill was introduced in the lower house.

Nevada.—A bill licensing the sale of cigarettes passed the Assembly to-day. It requires a quarterly license of \$15 and forbids their sale to minors. The penalty is a fine of not less than \$100.

New Jersey.—Attempts have been made without success at several sessions of the legislature to pass bills prohibiting the sale of cigarettes to minors. No new one has been introduced.

New York.—The New York legislature has before it a number of anti-cigarette bills.

North Carolina.—There are two bills regarding cigarettes before the legislature—one to impose a tax of 15 cents on each package; the other to forbid their sale.

North Dakota.—A law forbidding the sale of cigarettes was passed two years ago, but has remained a dead letter.

Oregon.—Petitions for a prohibitory cigarette law have been widely circulated, but have not yet been filed with the legislature.

Pennsylvania.—Two bills of similar import aimed at cigarettes have been introduced—one in the Senate and the other in the House. They prohibit the manufacture and sale of cigarettes in this state under the penalty of a fine of from \$5 to \$600.

South Carolina.—The house has passed a bill imposing a tax of 25 cents on each box of cigarettes sold and a similar tax on cigarette papers. The tobacco-growers protested and the Senate killed it by a vote of 25 to 18.

South Dakota.—Bill to prohibit the sale of cigarettes to children under 16 years of age were killed in both Houses.

Tennessee.—An absolutely prohibitory anti-cigarette bill has been signed by the Governor. It includes cigarette material and substitutes. The penalty is a fine of from \$5 to \$50. The act will take effect on May 1.

Texas.—Several anti-cigarette bills are pending in both Houses. One of them makes it a felony to sell cigarettes or cigarette material.

Utah.—A drastic anti-cigarette bill was reported for passage in the legislature, but was almost unanimously killed.

Washington.—A bill making it unlawful to make, buy, sell, give, or furnish any one cigarettes, cigarette paper, or wrappers, under the penalty of a fine of from \$100 to \$500, or imprisonment from

three to nine months, has passed the House, and is now before the Senate Committee on Public Morals.

Wisconsin.—Several anti-cigarette bills are pending. Absolute prohibition is unlikely, though a restrictive measure will be passed.

From these reports it may be seen that the measures introduced have not in all instances been successful, yet the present status is most encouraging. A number of states have taken decisive action. The movement which was begun by school boards has now assumed national proportions, and those who have tended to bring this about deserve congratulations.

OUR CARTOONS.

The selection of Dr. Nathan C. Schaeffer to the presidency of the Department of Superintendence of the N. E. A. was an eminently proper one. He has long taken a foremost rank as an educator. His useful activity at national educational gatherings as well as Superintendent of Public Instruction in the state of Pennsylvania have been recognized.

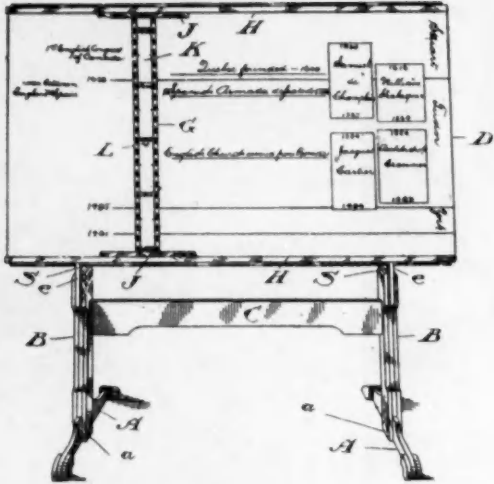
The city of Baltimore is in a dilemma. It has two school boards and it will require a decision by the courts to determine which one has a legal standing. The old board is presided over by John T. Morris, while the so-called reform board has selected Prof. Daniel C. Gilman, President of the Johns Hopkins Institute, for its chairman.

President Eliot of Harvard College is engaged in a movement to supersede the present school board of Boston by a bureau, consisting of but few men who are to receive a salary. The movement is causing considerable opposition as it is a long stride in the direction of paternalism and centralization of power.

Among the bidders for the N. E. A. for 1898 are Omaha and Salt Lake City. The claims of the former are energetically urged by Supt. C. G. Pearse. He will attend Milwaukee with a big bundle of invitations and a strong delegation from Nebraska to reinforce him. Supt. Millsbaugh, it is said, will do likewise for Salt Lake City.

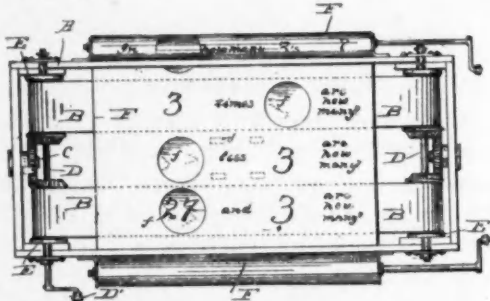
RECENT PATENTS.

PORTABLE BLACKBOARD. Walter L. Sinton, Toronto, Canada, assignor to the Comparative Synoptical Chart Co., same place.



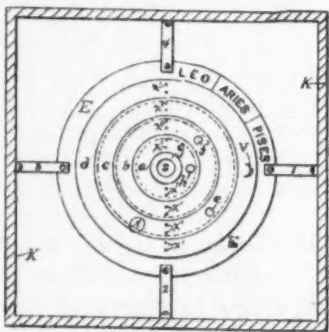
In an article of the class described, the frame or easel comprising the feet A, detachable standards B, provided with the supports S, and detachable cross-bar C, in combination with the blackboard D resting on the supports S and provided with the loops E, adapted to fit over the upper ends of the standards.

EDUCATIONAL APPARATUS. Mary A. McClelland, Albany, New York.



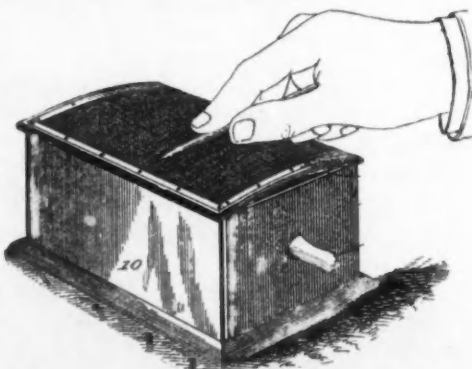
In an educational apparatus, the combination of a longitudinally-arranged band by which may be carried words, numbers, etc., a transversely-arranged, movable perforated band over the longitudinal band, and a perforated cover arranged over the last-mentioned band, certain of the perforations in such cover being arranged to be over unperforated parts of the transverse band.

PLANETARIUM. Lewis Reese, Chicago, Ill.



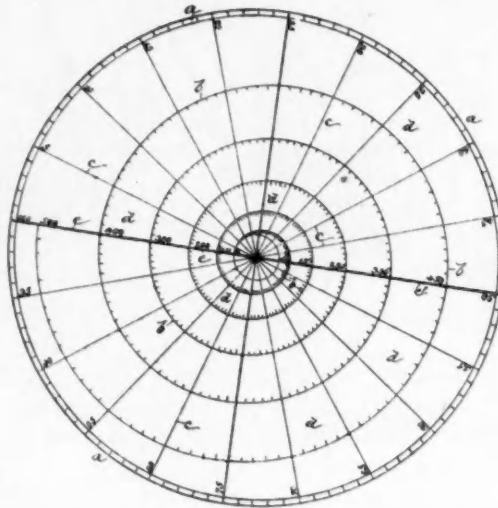
In a planetarium the combination of a casing; a fixed stud in the rear of said casing, a series of superimposed sleeves supported by the said stud, a series of annular rings in sliding contact with each other at the top of said casing supporting means extending from the said sleeves to the said rings, a glass plate provided with representations of the signs of the zodiac and covering said rings; a hole in each of said rings and a means to revolve the said sleeves to rotate the rings whereby, when a light is placed in the interior of said casing its rays passing through the said holes in the annular rings will represent various planets.

PENCIL-SHARPENER. George D. Hart, Lynn, Mass.



A pencil-sharpener comprising a box having an open top covered with a perforated fixed arc-shaped rubbing-surface composed of fine-mesh wire-gauze adapted to sharpen by abrasion a crayon or pencil rubbed thereon, and a drawer beneath said wire-gauze top for receiving the abraded material.

CHRONOLOGICAL SKELETON CHART. Jacob Bloch, Portland, Oregon.



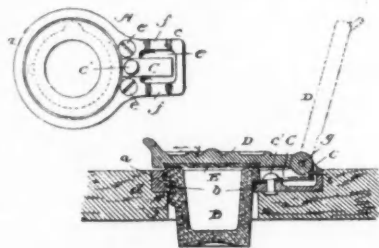
A chronological skeleton chart, comprising a sheet of paper or like material having thereon a spherical area traversed by the spiral line b and the radial lines c, subdividing such area into the spaces d beginning at the center, and gradually increasing in size, the peripheral lines being decimally graduated throughout.

PENCIL-SHARPENER. William M. Mosely, Elgin, Ill.



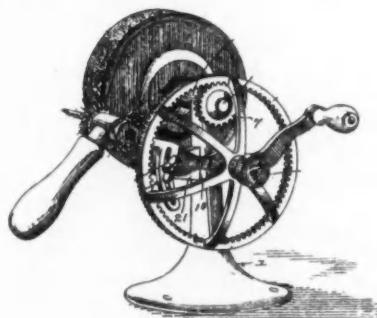
A cutting-blade for lead-pencil sharpeners having a cutting edge, a shank or body portion, and a relatively thin portion between the cutting edge and the body portion, said intermediate thin portion being substantially of uniform thickness.

INK-WELL FOR DESKS. Theodore G. Tritt, Carlisle, Pa.



In a support and cover for ink-wells, the flat cast-metal base A comprising the flanged ring a and the horizontal ear c which projects beyond the ring a and has its upper surface formed with the recess or depression e and the raised lugs f, on opposite sides of said depression, combined with a cover D having an arm h fitted between the lugs f and an eccentric or cam i at its free extremity, the flat spring C riveted firmly to a solid part of the ear c next to the ring a and having its unconfined end extending into the recess f to bear upon the eccentric or cam i of the cover, and the pivot passing through the lugs f and the arm h to pivotally connect the cover to the base.

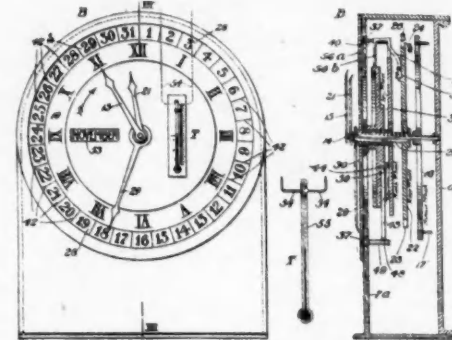
COMBINED PENCIL-SHARPENER AND ERASER-CLEANER. Percy L. Lord, Riverside, Cal.



A machine of the class described having a rotary abrading member and means for communicating motion thereto, and a holder having a combined swinging and pivotal movement, the swinging movement being in a path eccentric with

relation to said rotary member, and the pivotal movement being about an axis perpendicular to the axis of said swinging movement.

ELECTRIC CALENDAR CLOCK. George W. MacKenzie, Beaver, Pa.



In a secondary clock, in combination with an intermittently-electrically-actuated minute-wheel mounted on a shaft, carrying a minute-hand, an hour-wheel intermittently actuated by a pawl attached to the minute-wheel mounted on a hollow sleeve surrounding the minute-wheel shaft and carrying the hour-hand, and a month-wheel intermittently actuated by a pawl attached to the hour-wheel, mounted on a hollow sleeve surrounding the hour-hand shaft, and carrying the day-of-month hand; the regulator-wheel 39 provided on the inside with ratchet-teeth 47 designed to be engaged by the intermittently-actuated hooked pawl 43 pivotally attached to the month-wheel and designed to bear against a fixed pin 49 at one period of its revolution, the regulator-wheel bearing on its face the names of the months in rotation and having pockets in its periphery of varying depths.

SCHOOL DIRECTORS' MEETING.

Orange City, Ia. A meeting of school directors of this county was held here, being well attended. Mr. K. De Jong of Holland township was chosen chairman and Jno. Meyer of Alton was selected as secretary. The following were present: D. Fass, C. Van Oort, J. Levering, Middleburg; B. O'Kane, Herman Dahman, Sheldon; B. Van Pelt, D. Bo-gaard, Nic Ver Steeg, A. W. Muilenburg, K. De Jong, G. Bolks, C. Hospers, F. J. Lohr, J. J. Van Wyk, Orange City; Henry Waltz, W. A. Wakefield, J. J. Van der Schaaf, Maurice; Jno. Meyer, Jno. Bloemendaal, Jno. Krier, Alton; Wm. De Roos, Hull; and others. The meeting was full of interest and nearly all took an active part in the discussions.

Resolutions were passed as follows: That school directors should have pay for their services as well as other officers of the township, county or state. That all school funds should be grouped into not more than two classes and that those classes be so arranged that the school house fund should be in one and all other funds in the other. That the district townships should pay good teachers from thirty-six to forty dollars per month for their services.

THE OIL CITY SCHOOL BOARD.

We are enabled this month to present the pictures of the members of the Oil City (Pa.) school board, which is composed of the most prominent citizens of that progressive metropolis of the Pennsylvania oil region. The president, Dr. G. W. Magee, is a prominent physician, and his executive ability and tact have a great influence on the harmonious working of the Board. He has been fortunate in having competent chairmen of all committees, which has served to place the Oil City schools among those which have the reputation of being the very best. Dr. F. F. Davis, is chairman of the Teachers' committee; Mr. J. B. Crawford, Finance Committee; H. G. McKnight, Buildings' Committee; Philip Kaufman, Text Book and Supply Committee; and James Sutherin, Insurance Committee. The other members of the Board come from all walks of life—the successful business man, the professional man, the mechanic and the laborer—all capable and upright men.

The new board organized during the latter part of February. The Board has a capable officer in Mr. Chas. E. Bair, the secretary, whom we had the pleasure of meeting at the meeting of the N. E. A., at Buffalo, last July, and whom we hope to meet again this year at Milwaukee.



THE SCHOOL BOARD, OIL CITY, PA.

1. Dr. G. W. Magee, President.
2. Dr. F. F. Davis,
3. J. F. Kuhns.
4. F. A. Beatty.

5. Thomas Callanan.
6. H. G. McKnight.
7. C. B. Simmons.
8. F. A. Doddington.
9. W. R. Ross.

10. James Sutherin.
11. Philip Kaufmann.
12. William West.
13. J. A. F. Bovard.
14. Matt. Derrick.

15. J. B. Crawford.
16. S. Haynes.
17. C. E. Bair, Secretary.
18. K. Chickering.

BY COURTESY DERRICK PUB. CO.

SUPPLIES AND EQUIPMENT.

Those interested in having pure water for the schools should write H. S. Chapman, president Board of education, Lockport, N. Y.

The "Palmetto Leaf," published at Cedar Springs, S. C., contains an extended article on the Frick automatic clock system which has been placed in one of the educational institutions in that place. It pays the highest praise to the system.

Peckham, Little & Co., publishers of the well known Gem spelling blanks, and manufacturers and dealers in school supplies, did not remove from their present quarters, 56 Reade street, as stated in this journal. While a removal was contemplated, they have succeeded in enlarging their present quarters.

Blodgett Bros. & Co., Boston, Mass., manufacturers of the Blodgett signal clocks for schools and colleges, are making ample preparations to meet the demand for their goods this year. School house building promises to become active, and the demand for program clocks quite extensive.

Harrisburg, Pa. Willis Anderson represents Rand, McNally & Co. in the state of Pennsylvania.

Marshalltown, Ia. At a recent meeting of the board of education it was reported that the individual tin cup scheme, which has been inaugurated, was working all right with the exception that they make a great deal of noise. The cups hang from the desk, and when the girls pass they brush them with their skirts. A member of the board suggested that the girls be compelled to wear bloomers.

Kaukauna, Wis. The school board has contracted for 350 yards of Olmsted artificial slate blackboard.

Louisville, Ky. The board of education has determined to purchase only such coal for the schools in the future as is recommended as satisfactory by the janitors.

Cincinnati, O. The blackboards for the new Lincoln school will be furnished by the Standard School Furnishing Co.

Fred Frick is placing his program clock system into the Keystone normal school, Kutztown, Pa. He has just finished placing a clock system in Swarthmore college.

Utica, N. Y. The board authorized the new Century development maps for use in the schools wherever the teachers of geography desired them and the pupils are willing to purchase them.

Brooklyn. Of the twenty-five typewriters ordered by the board of education, Wyckoff, Seaman & Benedict (Remington) supplied fifteen, Smith-Premier & Densmore, five each.

Blodgett Bros. & Co., manufacturers of the Blodgett signal clock, have removed their headquarters to 301 Congress street, Boston.

Cincinnati, O. A local oculist will test children's eyesight and supply glasses free to those who need them and cannot pay.

Milwaukee, Wis. For college and school commencement folders, programs, etc., send to Standard Paper Co.

Nashville, Tenn. The Gregory Tale Blackboard & Crayon Co. has brought an infringement suit against the "Tale Blackboard Co.," of Nashville. The latter company has been enjoined by the United States courts.

Chicago. The board will experiment with boiled water for the schools. The contest has thus far been between the use of filtered or boiled water.

St. Louis, Mo. Fred Medart, 3530 De Kalb street, will send a catalogue on school gymnasium apparatus to anyone interested in the subject.

Among the attractions at the superintendents' meeting, held at Indianapolis, was the Crowell physical apparatus, exhibited at the Brown Palace. Many educators availed themselves of the opportunity to examine the apparatus, which consists of 241 different parts, and is claimed to be a complete laboratory for the average secondary school, suitable for both qualitative and quantitative work. The cut shown herewith gives a view of the apparatus when not in use. Its drawers and compartments contain the devices and apparatus proper. The plan consists in arranging in easily accessible places a sufficient number of pieces so designed that they can be used separately or combined into a



CROWELL PHYSICAL APPARATUS.

large number of devices of machines and experiments. The constructing or setting up of a machine out of these parts is to the pupil the natural method of learning its working and develops at the same time skill in manipulation and knowledge of the mechanical principles involved. As Mr. Crowell puts it, "the recurrence of the same piece in many combinations leads from the special to the general application of the principle which it represents, and constantly distinguishes the essential parts of a device from those which are merely accidental." Mr. Crowell has recently begun the manufacture of these physical apparatuses, which are the practical outgrowth of his five years of laboratory work in the Indianapolis high school.

The W. A. Olmsted Supply Co., of Chicago, has just issued a small pamphlet on "X" Ray apparatus. The pamphlet deserves commendation. It embodies, as far as possible, the latest thought and efforts of both experts and manufacturers, and aside from the fact of its including a price list, it is a pamphlet that may be retained with advantage in every physical laboratory that is interested in this work. The photographs are reproduced in fine half-tones, showing the character of the work that can be done with good apparatus. There are, perhaps, no handsomer or clearer reproductions since the subject has been before the public.

After the Holden system for preserving books was thoroughly examined at the offices of the United States bureau of public instruction, interior department, an official remarked: "I do not see how free text-book laws can be successfully operated, where economy and cleanliness are at all desired, without the Holden system for preserving books is adopted in conjunction." The amount of money paid out annually for text-books, by free text-book communities, runs into many millions of dollars. The Holden Patent Book Cover Co., of Springfield, Mass., assert that they can save fully one-third to fifty per cent. of this sum, by the increased life of the text-books where their system is adopted. In many places where they are using them, officers have written them that the saving has been even greater than they claimed. This is a startling fact, and should have weight with any school board owning their own books.

Milwaukee. The Duplex Typewriters have been discarded in the high schools. This leaves only Remington, Caligraph and Smith-Premier machines in use.

The L. E. Knott Apparatus Company has issued a comprehensive catalogue on "Apparatus and Methods for practical use of the X Rays." The company makes a specialty of the National Physics Apparatus. The pamphlet is neatly illustrated with half tone engravings for X Ray experiments.

SCHOOL FURNITURE.

Grand Rapids School Furniture Co. at its annual meeting elected the following directors: W. T. and Charles G. Reed, G. W. and Charles Perkins, E. A. Stowe. The officers elected were: Gaius W. Perkins, president; Charles J. Reed, vice-president; Wm. T. Hess, treasurer; Chas. Perkins, secretary. Tamaqua, Penna. The U. S. School Furniture Co. will supply the desks necessary for the present year.

Columbus, O. Owing to the failure of manufacturers to file bonds, no contracts for desks were awarded.

Little Falls, Minn. Contract for furniture for parochial school awarded to Manitowoc School Furniture Co. A. W. McRoe, agent.

Minneapolis, Minn. Desk contract was awarded to the U. S. School Furniture Co.

Portland, Or. The warehouse of C. F. Weber & Co., San Francisco, dealers in school furniture and office supplies, corner Seventeenth and Pettygrove streets, burned last month. Loss \$20,000. Covered by insurance.

Plymouth, Pa. Desks were ordered purchased from the U. S. School Furniture Co.

Cuba, N. Y. W. E. Wing represents the Haney School Furniture Co. in New York state.

Newark, N. J. The U. S. School Furniture Co. secured the desk contract.

Louisiana, Mo. New eight-room school building will be furnished with desks from Thomas Kane & Co., Racine, Wis.

Philadelphia, Pa. Desks manufactured by the U. S. School Furniture Co. were placed in the newly erected building.

Aurora, Ill. After a careful examination of school desks the board decided to purchase from the U. S. School Furniture Co.

J. M. Slavens represents the Piqua School Furniture Co. in the Southern states, with headquarters at Louisville, Ky. Urbana, O. Thomas Kane & Co. were awarded contract for desks for the new South building of eight rooms, and the new Central high school of eight rooms. These buildings will be furnished with Kane & Co.'s improved automatic desks.

Kaukauna, Wis. The school board of district No. 2 has contracted with the Manitowoc Seating Co. for four hundred seats and desks for the new high school.

Wm. R. Adams, who served as general manager of the U. S. School Furniture Co., has accepted a responsible position with the Northwestern Mutual Life Insurance Co. He has been succeeded by L. D. Brown, who served as assistant manager for some time. Mr. Brown is an experienced school furniture man and known for his clean business methods and untiring energy.

North Adams, Mass. The contract for \$2,000 worth of seats was divided between the Hygienic Furniture Co., of New York, and the Chandler Furniture Co., of Boston.

Goshen, Ind. Desks manufactured by the U. S. School Furniture Co. will be placed in the newly erected building.

Evanston, Ill. The U. S. School Furniture Co. came out victorious in the school desk contract fight.

Jersey City, N. J. The board of education awarded the school desk contract to the U. S. School Furniture Co.

Binghamton, N. Y. The school board awarded contract for three hundred desks to the Grand Rapids Furniture Co., and ordered one hundred desks purchased of the Cleveland Furniture Co.

PENNSYLVANIA'S CONVENTION.

SCHOOL BOARD MEMBERS AND EDUCATORS MEET AT HARRISBURG.

The second annual meeting of the Pennsylvania State School Directors' Association was held at Harrisburg, February 10th and 11th, 1897. H. H. Quimby, of Montgomery county, the founder and president of the State Association, called the convention to order in the Supreme Court room at 2 o'clock P. M.

The president delivered an address, which was an excellent and practical talk on educational matters. He referred to the large and enthusiastic meeting held a year ago, and congratulated the delegates present on the work that has already been accomplished by the association. He lamented the failure of the law to provide for township high schools, because the necessary funds for carrying out its provisions had not been appropriated.

He also said the compulsory education law had not fully met the expectation of the friends of popular education, because of the discretionary power, as to its enforcement, and its conflict with the provisions of the vaccination law. He recommended action favoring needed school legislation at the present session. Among the measures advocated were constituting Boards of School Directors, Boards of Health in the several townships of the State, a change in the method of distributing the state appropriation, and provision for closer supervision of schools in the rural districts.

Governor Hastings was then introduced to deliver the address of welcome, and was enthusiastically greeted by the association. The Governor said that as the executive of the state he was glad to welcome the school directors to the state capital. The governor referred to the able address of the President and heartily commended a number of its recommendations. He called the attention of the members of the legislature who were present to the fact that the state of Pennsylvania was big enough and rich enough to provide liberally for the education of every child within its borders. An appropriate response was made by H. H. Hubbert, of Philadelphia, chairman of the Executive Committee. Dr. N. C. Schaeffer, superintendent of public instruction, then addressed the association on "School Administration." Washington and Lincoln, said he, were two of the greatest men of modern times, and neither of them cared to get far from public sentiment. Lincoln was accustomed to feel the pulse of public sentiment, take a position in advance of the people and lead them to the enactment of the measures he advocated. Many persons seem to think that all that is necessary to secure a reform is to pass a law. Experience, however, has shown that legislation to be effective must be backed by public sentiment.

How shall we educate public sentiment? The people need to be shown that the schools exist for the children, and not to serve the selfish interests of school directors or politicians. The Doctor cited a number of illustrations showing that in many instances the real good of the schools is neglected by those who have their management.

He said one of the strong features in the education of public sentiment is the school superintendent. A superintendent should be a man or woman who can arouse public sentiment, who is a professor of pedagogy and who possesses good administrative ability. The convention then adjourned to meet again in the evening.

(Continued on subsequent pages.)

FINANCE AND BUILDING.

San Francisco. The board is confronted with a probable deficit of \$100,000.

The per capita cost in Massachusetts is \$33, in Georgia \$1.91.

Joliet, Ill. F. S. Allen, the school house architect, has let a contract for a \$35,000 high school, to be erected at Fort Dodge, Ia. The contract goes to Mr. Gross, of Lake Mills, Ia. Mr. Allen is now preparing plans for a \$30,000 high school to be built at Vincennes, Ind., and also for a twelve-room school at Burlington, Ia. This month he will let a contract for a new high school at Grundy Center, Ia. Mr. Allen and his assistants have also under way a \$50,000 high school at Fort Smith, Ark., together with a twelve-room school building at Terre Haute, Ind., and an eight-room school building at Louisiana, Mo. Also one to be erected at Neoga, Ill., that hung over from last year and is not yet finished.

One of the most interesting sights about a school building are the tests of the Kirker-Bender fire escapes which have been given in some of the Eastern cities. This fire escape is perhaps the first one which has proven thoroughly satisfactory for school house purposes. It is now in use in a number of the leading schools in the Eastern cities.

Seattle, Wash. Board has ordered fire escapes on high school building, at a cost of \$106.50.

Lawrence, Mich. Fire escapes have been added to the school houses.

Buffalo, N. Y. A fire-proof school house will be erected.

Rochester, N. Y. The directors of the Genesee Wesleyan seminary at Lima, which was destroyed by fire, made a strong criticism on the absence of fire escapes. The new building will have them.

Pointsville, Ky. A tract of land in school district No. 30, Johnson county, the property of John G. Carlisle, secretary of the United States treasury, has been sold for school taxes which were due and unpaid.

San Francisco, Cal. The board of education refuses to hire other than union men to paint and kalsomine school houses.

The following school boards are confronted with a heavy deficit: Toledo, O.; Milwaukee, Wis., \$13,000; San Francisco, Cal., \$90,000; Springfield, O., \$30,000.

Fires destroyed school houses during the past month in the following cities: Huntville township, Ill., Plumwood, O., Homer, Tex., Wenonah, N. J., Menomonee, Mich., loss \$100,000; Schoolcraft, Mich., loss \$24,000; Little Falls, Minn., loss \$18,000; Hartford City, Ind., loss \$12,000; Pleasant Hill, Ill.; Eau Claire, Wis., loss \$3,450; Kalamazoo, Mich., loss \$15,000; Kaukauna, Wis., loss \$5,000; Nichols, Mo., loss \$1,000; Melrose, Mass., high school, loss \$25,000.

New York City. New school buildings will be provided with playgrounds on the roof.

Fort Dodge, Ia. The plans for the new high school building have been prepared by F. S. Allen, of Joliet, Ill.

Springfield, O. A proposition to close the schools two weeks earlier in order to meet a deficit of \$30,000 is resisted by the teachers.

Chicago. The board of education needs \$1,975,000 for the use of its buildings and grounds committee, and \$5,030,600 for educational purposes. This is equivalent to two per cent. of the tax levy provided by law.

Kansas City, Mo. The Building Trades Council has petitioned the legislature to pass an eight hour state law, and if this measure goes through it will compel the board of education to recognize the eight hour work day on public improvements.

Montana seems to be in a fair way to secure a substantial school fund and a good school system. The lands set apart by the national government for this purpose consist of 5,100,000 acres, distributed impartially, sections in every

township being set apart to be sold or leased for the school fund. There are more than 8,000 of these sections and the revenue derived from them is considerable, and under skillful management may be largely increased.

Perry, Ok. A school house built of sod near here collapsed and twenty-five scholars were entombed for some time. The trustees of the district plowed up the prairie and built a school house of the turf. Several children will die from the injuries and the teacher is in a critical condition. All had to be dug out.

Binghampton, N. Y. The Peck-Williamson Co. has placed a ventilating fan in the new school.

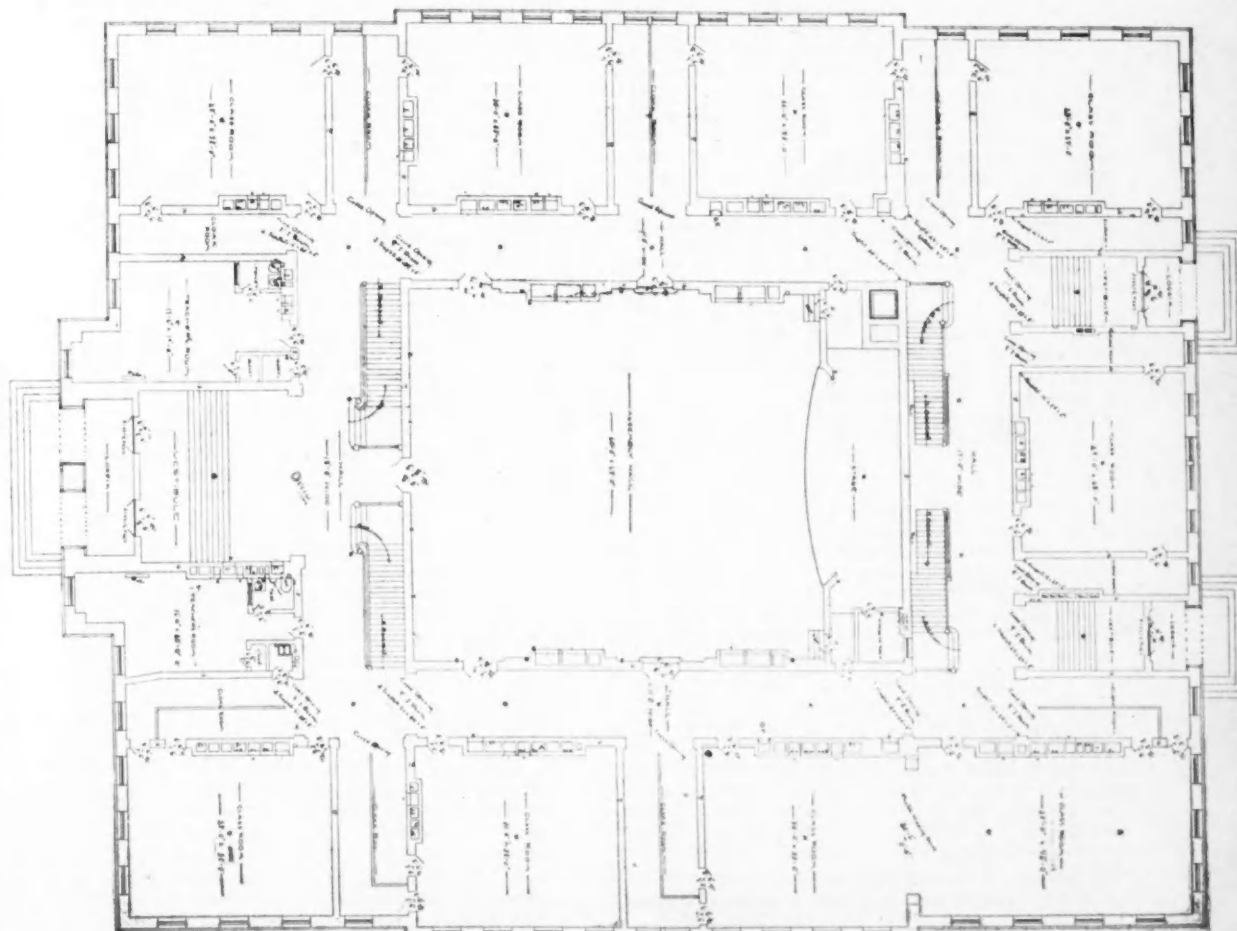
SCHOOL HOUSE FIRES.

The calamity which befell the Everett school building, Boston, last month, in which a number of children were seriously injured by fire, ought to serve as a warning. Ample fire protection should be provided for, and more especially when this can be done at a nominal cost. We understand that the Miller Chemical Engine Co., of Chicago, is manufacturing fire extinguishers specially adapted for use in school houses. They are so constructed as to be easily and effectually operated.

Lexington, Ky. A resolution to abolish corporal punishment has been introduced.



NEW SIXTEENTH STREET SCHOOL, COLUMBUS, GA.



FIRST FLOOR PLAN, NEW ACADEMY, UTICA, N. Y.

BOOK REVIEWS.

THE CHILDREN'S THIRD READER. By Ellen M. Cyr. Ginn & Co. publishers, Boston, New York, Chicago.

This volume gives the child a delightful introduction to the best American authors. The selections are those well suited for third grade pupils, and the brief biographical sketches are written to fasten their interest in a pleasant and profitable manner.

HISTORICAL READER, THE STORY OF THE INDIANS OF NEW ENGLAND. By Alma Holman Barton. With sixteen full page illustrations. Reader for middle grades. Mailing price 75c. The Morse Co. publishers, 96 Fifth Avenue, New York.

An examination of this volume reveals an interesting story of Indian life in New England, during the Colonial days. The author tells it in simple, yet fascinating language, gives it a natural setting, observes the time and the atmosphere in which the events take place, and adheres to historical facts. No doubt the claim made that the book covers an unbeaten track holds good. There is a difference between Indian stories. Of the kind which depict hair-breadth escapes amid blood and thunder, we have had an abundance. The present volume comes late, but not too late. The youth of the land will always be fascinated in the story of the aborigines. It will assume a permanent place in supplementary school reading, as being a wholesome book, well conceived and constructed.

THE STORY OF THE ROMANS. By H. A. Guerber. Linen, 12mo., 288 pp. Illustrated Eclectic School Readings. Price 60c. American Book Co., New York, Cincinnati, and Chicago.

Prof. Guerber has had a valuable addition made to his stories on ancient history and mythology, in the present volume. The Story of the Romans is fully as interesting as his former books, and as neatly illustrated. We have said so many good things about the other Guerber books that we cover this review by saying that the present volume is as good, if not better. The book is well suited to serve as a supplementary reader or a first history text-book. Used in either way it will furnish an excellent preparation and stimulus for the further study of classical literature, biography, and history. Excellent maps, beautiful illustrations, and a full index add greatly to the usefulness and attractiveness of the volume.

SIXTY COMPOSITION TOPICS. By Jessie McMillan Anderson, A. B., Smith College. Cloth; 42 pp. Silver, Burdett & Co., Boston, New York, Chicago.

Assuming that essay writing is a necessary part of the study of rhetoric the author has presented these topics historical, imaginative, argumentative with some well considered suggestions on the analysis of the subject and the plan of the essay, and use of figures of speech. All the suggestions are good, and the best suggestion is practice, continued practice in writing.

THE MODEL MUSIC COURSE. By J. A. Broekhoven and A. J. Gantvoort. Cloth; First Reader 102 pp., Second Reader 110 pp., Third Reader 118 pp. The John Church Co., Cincinnati, New York, Chicago.

A natural system of instruction in music prepared for use in the public schools. The different numbers are intended to meet the needs in all grades from the primary to the high school. The exercises are such as will enable pupils to read music at sight, and the pieces selected for singing are intended to cultivate a love for music. A capable teacher would undoubtedly do with these books all that is expected of them.

ARITHMETIC FOR SCHOOLS. By Rev. J. B. Lock, M. A., Cains College, Cambridge, England. Edited and arranged by Charlotte Angas Scott, D. Sc., Bryn Mawr College, Pennsylvania. Cloth; 338 pp. Macmillan Co., New York.

This is the American edition of an English text-book. The principles of arithmetic are concisely stated, in large type. Rules are avoided. It is a book of exercises and examples to be worked out by the pupils according to the principles stated. The pupils are to reason things out themselves as far as possible. The answers occupy the last forty pages.

CONCRETE GEOMETRY. By A. E. Hornbrook, A. M. Cloth, 12mo., 201 pp., 75c. American Book Co., New York, Cincinnati, Chicago.

As a teacher of mathematics the author found difficulty in making beginners in geometry comprehend abstract demonstrations. The demand was: "Put it in figures so that I can see it." A large number of exercises designed to aid such pupils in seeing truths illustrated and presented in concrete form make up this book. It is a valuable help.

THE COLUMBIAN PRIZE CHARADES. By Herbert Ingalls. Cloth; 160 pp., \$1. Lee & Shepard, Boston.

The Boston Charades achieved quite a successful notoriety, and the author of them has been persuaded to issue this volume containing 160 new charades. Prizes are offered ranging from \$10 in cash to \$1.50 in books from Lee & Shepard's catalogue for the most nearly correct lists of solutions, competition to close May 1, 1897. After puzzling over a number of these charades we have decided not to be a competitor.

THE MASTERY OF BOOKS. By Harry Lyman Koopman, A. M. Cloth; 214 pp., 90c. American Book Co., New York, Cincinnati, Chicago.

The writer is librarian of Brown university, and is in the right place, for he is evidently a lover of books. He writes for the purpose of suggesting to young people what and how

to read so as to get the greatest possible good out of their reading. He writes entertainingly. About sixty pages are devoted to a list of different classics—the best to be had. In these days of so much reading matter, some of it worthless if not injurious, this little book is timely and worth heeding.

A TEXT-BOOK OF PLANE SURVEYING. By Wm. I. Raymond, C. E. Cloth; 12mo., 485 pp., \$3. American Book Co., New York, Cincinnati, Chicago.

The author is professor of geodesy, road engineering and topographical drawing in the Rensselaer Polytechnic Institute. From his experience in teaching and in practical work he is well qualified to treat of this subject in all its details and in its latest and most improved features. Instruments are carefully described and illustrated and the uses explained minutely, with adjustments. The way to make exact connections for the variation of the needle is shown. Principles are fully stated and then reduced to formulae for practical application. The older methods are alluded to, and the most modern methods are given. The work treats not only of ordinary land surveying, but of topographical, hydrographical and mine surveying, computations of earth work and map making. The slide rule is explained. There are numerous problems for practice. Tables are carefully prepared and printed on tinted paper for convenience in reference. Five-place tables are adopted. Instead of seconds, tenths of a minute are given. Some fine colored maps are given as examples. Altogether the book is a very complete manual. The publishers have done their part of the work in a very substantial manner.

FIRST LESSONS IN BOOKKEEPING. Designed for the use of public schools and private instruction. Published by O. M. Powers, Chicago, Ill.

The First Lessons is a neatly bound volume of ninety pages, skillfully elucidating the science and art of accounts. The author's prime object is to give the young accountant a practical and up-to-date text-book. It may be successfully used with or without the aid of a teacher. The beginner is led step by step from the easy to the difficult. The author has aimed to teach the principles of bookkeeping rather than methods which are many and confusing.

A TREATISE ON COMMERCIAL LAW AND BUSINESS FORMS. Published by O. M. Powers, Chicago.

This volume is one of a series edited by the above named author. Like his other works it savors of the practical. In this volume, the author does not attempt to say all that has been written about business law, but aims rather to make the principles of the same so plain and clear, that they may be brought within the reach of all. All technicalities, which tend rather to cloud than elucidate the subject matter, have been studiously avoided. Shipping, marine, insurance, and divorce have also been omitted, and special attention has been devoted to other subjects which will be of more interest and profit to the average pupil. Commercial teachers and pupils will find in this book much valuable information, and to the busy man it will prove invaluable as a book of reference.

PHONOGRAPHIC LESSON CARDS IN ISAAC PITMAN PHONOGRAPHY. By W. L. Mason. Published by Isaac Pitman & Sons, New York.

These cards illustrate the principles as found in the Complete Phonographic Instructor. They may be used in regular class-work or by the individual student. The price of these cards, consisting of thirty-nine lessons, is within the reach of all, and this enables those interested in the study of short-hand, to pursue a thorough course at home. Each lesson is supplemented with copious hints and suggestions.

IMMENSEE. By Theodore Storm. Edited for school use by F. H. Dauer. Boards; 12mo., 85 pp. Price 25c. Published by American Book Co., New York, Cincinnati, and Chicago.

This story "Immensee" is a romance of tenderness and grace. It consists of short stories, in the production of which the author excels. This little volume has reached over thirty editions, and is without doubt the most tender product of his pen. Its beauty, and hence its success, is due to its simplicity of style, the graceful language, the loftiness of sentiment, and the genuine love of nature, which he so graphically delineates. It is briefly annotated for the aid of the student, and likewise contains a very complete and convenient vocabulary.

BUSINESS PRACTICE, OR HOW BUSINESS IS DONE. Published by O. M. Powers, Chicago, Ill.

A neat volume from the able pen of Prof. O. M. Powers has just reached us. The author has designed it for schools in which business practice forms part of the curriculum. Not only students, but every business man will find it a handy and reliable book for reference. The book contains, in condensed form, the methods used in all kinds of business transactions—from banking to the sending of a telegraph message. Our secondary schools would materially strengthen their commercial department, by the addition of this book—Business Practice. The student's powers should not be solely directed along the line of accounts, but he must be trained also "to learn to do by doing," viz., by business practice.

A MANUAL OF REVIEW AND TEST PROBLEMS IN ALGEBRA. By Sarah J. Peterson and Lida F. Baldwin. Paper; 87 pp. Introduction price 30c. Published by D. C. Heath & Co., Boston, Chicago, New York.

This collection of problems will, undoubtedly, meet with favor among a large number of teachers for reviews and ex-

aminations. These problems are not to be found in any other text, hence, the value of their originality. Those parts of importance and difficulty are brought to the front. They may also be used to good advantage by those preparing for college entrance examinations.

TABLES FOR THE DETERMINATION OF MINERALS. By Persifer Frazer. Cloth; 163 pp., \$1.50. J. B. Lippincott Co., Philadelphia.

In 1866 Dr. Albin Weisbach, of Freiberg academy, devised his tables for the determination of minerals by their physical properties. Before this time chemical behavior had been chiefly relied on. This plan was so excellent that in 1874 the Lippincott's issued the first American edition. The demand for the work called for subsequent editions in '77, '91, and '96. It treats of minerals in three groups—those of metallic lustre, those of non-metallic lustre, which give a colored powder, and those of non-metallic lustre and white or light gray streak. Each group is divided into five or six classes according to certain characteristics. Each mineral is considered as to lustre, color, hardness, tenacity, crystal system, cleavage and fracture, chemical formula, specific gravity, action with blow pipe, and its associations with other minerals. The student here finds close at hand what otherwise he might have to search large volumes for.

LESSONS IN ELEMENTARY BOTANY. By Thos. H. Macbride, State University of Iowa. Cloth; 12mo., 233 pp., 60c. Allyn & Bacon, Boston.

The method followed in this book is to take the more familiar forms of plant life in their more noticeable phases, leaving the less obvious features for later study. It is intended for classes in secondary schools. These classes generally take the study the second half of the school year, beginning about Feb. 1. Therefore, the tree is taken as the starting point. The various parts and habits of the more common trees and flowers are considered in a scientific, yet familiar and interesting way.

A BRIEF HISTORY OF THE NATIONS AND OF THEIR PROGRESS IN CIVILIZATION. By George Park Fisher, D. D., LL. D., Professor in Yale University. Cloth, leather back; 599 pp., \$1.50. American Book Co., New York, Cincinnati, Chicago.

Dr. Fisher is a recognized authority on the subject of history. His Outlines of Universal History has been a standard. In this new work the facts of history have been presented in a condensed, compact form, and yet with remarkable clearness. Causes have been followed out to their effects. Influences that have affected several nations are set forth clearly as possible in a brief history. More space than usual in a book of its size is given to the period following the fall of Rome. The light of the latest researches is thrown on disputed points. Maps are excellent and the numerous illustrations possess historic value as well as artistic merit. Reigning families are given in genealogical tables. The index is especially complete. The work of the publishers has been done in a superior manner. Altogether it is an attractive and admirable text-book.

THE PRECEPTORS' FRENCH READER. By Ernest Weekley. Publishers, Hinds & Noble, New York.

Seventy-four selections, of nearly uniform difficulty, make up this compilation. Anecdotes, poetry, fables, Mother Goose; scientific statements, and historical incidents have contributed to the variety and dignity of these pages. The names of the authors have not been given. From either a literary or an educational standpoint, this seems a distinct defect. The notes place emphasis upon distinctions in the use of words, the suitable position of phrases and clauses in a sentence, and grammatical points. The vocabulary is sufficient for the text.

THE FORMS OF DISCOURSE. By Wm. B. Cairns, A. M., Instructor in Rhetoric in the University of Wisconsin. Cloth; 356 pp. Ginn & Co.

Not finding among the many excellent books on rhetoric that are published what quite suited his purpose as an instructor, the author prepared this work. The consensus of the best literary usage is the standard of style. The principles of grammar are taken from the common forms of speech. How to use them in pleasing and effective speech is the end of language teaching. The author takes these as he finds them, the elements of common, correct language, and out of them constructs his models of narration, description, exposition, argumentation, and persuasion. The discussion of the essential or incidental parts of each of these kinds of writing is analytical, critical, and suggestive. Nothing artificial, strained or "hifalutin" is aimed at, but plain, natural, correct style. Common errors are alluded to and helpful suggestions are made. Selections from noted writers are given as models for study and criticism. Teachers of language will find the book an unpretentious, but very valuable aid.

RACINE'S IPHIGENIE. Edited by Benjamin Duryea Woodward, B. es. L., Ph. D., of the Department of Romance, Languages and Literatures in Columbia University. Cloth; 12mo., 198 pp., 60c. American Book Co., Cincinnati, New York, Chicago.

One of the most interesting myths of the Trojan war is that of Iphigenia, daughter of Agamemnon, who was to be offered as a sacrifice to insure the prosperous sailing of the fleet for Troy. The theme was a favorite one with the writers of Greek tragedy. Iphigenia in Tauris is the subject of Goethe's masterpiece. Racine's Iphigenia at Aulis was finished in 1674, and has ever since been considered one of the best French writings of its kind. This edition contains

a biography of the author, a chapter on this character in Greek and French tragedy, a bibliography, and numerous critical and explanatory notes and comments. It is intended as a text-book in higher classes in French. The paper, type, and general make-up combined make it an exceedingly attractive book.

GUIDE TO THE STUDY OF AMERICAN HISTORY. By Edward Channing, Ph. D., and Albert Bushnell Hart, Ph. D. Cloth; 471 pp. Ginn & Co., Boston, New York, Chicago.

The authors are assistant professors of history in Harvard university. This book is the outgrowth of many years' experience in teaching. The authors discuss the extent and limitations of the subject, the methods of teaching it, its place in a course of study, and its educational value. The writers of different periods are mentioned, with the character of their writings. The subject is divided into convenient periods and topics, and authorities general and special with sources of information are noted. The bibliography is very complete. The book is the result of a vast amount of painstaking, intelligent research, and is of great value to the student and teacher of American history. The index of forty-two pages is in itself an exceedingly valuable list of references to sources of information. Hunting up these materials of history and making his own researches will greatly add to the student's interest in this most interesting subject.

W. H. B.

HAND-BOOK OF GREEK AND ROMAN HISTORY. By George Castagnier, B. S., B. L. Flexible cloth; 12mo., 110 pp., 50c. American Book Co., Cincinnati, New York, Chicago.

A condensed statement of the principal persons, places, and events in the histories of these nations. It is not intended as a text-book but as a convenient book of reference for teachers and students. It will be found especially useful in reviews and as an aid in refreshing the memory and in preparation for examinations for admission to colleges.

THE STUDY AND PRACTICE OF FRENCH IN SCHOOL. Part First, by Louise E. Boname. Publisher, Louise E. Boname, Philadelphia.

In Part First the natural method has been followed, but on "a new plan and with thorough drill in pronunciation." The book is designed for primary and intermediate grades, where, if anywhere, a good natural method may be used to advantage. It is full of clever devices and is the outgrowth of insight and experience. The drill exercises on the sound of that difficult consonant, the letter *r*, on the sounds of the vowels, of the much abused nasal diphthongs, are particularly fine. The oral lessons on school surroundings are not overdone and are natural. The two fairy stories serve several desirable ends. The work in spelling, in counting and adding, and in using maps, is systematically arranged. The suggestions of the author are pertinent and to the point. Adults have long said "vanity is the spice of life;" if children were asked, they might say, "vanity is life." Children using this book will find in it a variety that is both pleasing and philosophical.

C. H. L.

LA FRONTIERE. By Jules Claretie. Publisher, Wm. R. Jenkins, New York.

Patriotism is the key-note of this sketch of military life among the Alps. But the patriotism is suggested rather than stated. The glories of mountain scenery are made merely the setting of the high living and higher ideals of a French captain and his company, guardians of their country's frontier. There are fine contrasts in the word-pictures of the idiot to whom the phrase, "my country," is a meaningless sound, of the Italian deserter to whom the phrase means but little, of the Captain Deberle, to whom the same phrase is a symbol of his deepest love and highest aspiration. The use of the terms, "a degenerate," "an incomplete and frustrated brain," "hypnotism;" the descriptions of the idiot and of the Italian deserter disclose the influence of some modern lines of thought and investigation. Both story and style are stirring and show traces of Mr. Claretie's service as a war correspondent, dramatic critic, and director of the principal theatre of France. In his notes, the editor, Charles A. Eggert, has not made the mistake of giving too many translations. In his introduction, he has given an instructive and appreciative outline of the life, works, and aims of Jules Claretie.

C. H. L.

BOOKS RECEIVED.

Historical Reader, the Story of the Indians of New England. By Alma Holman Burton, of Chicago. Published by the Morse Co., New York City. Mailing price 75c.

Good News. By John. Published by F. M. Barton, Lakewood, Ohio. Price 1c. per copy.

Handbook of Greek and Roman History. By Geo. Castagnier, B. S., B. L. Published by the American Book Co., New York City. Mailing Price 50c.

The Story of the Romans. By H. A. Guerber. Published by the American Book Co. Price 60c.

French Series, No. 2. Class-room Conversations in French. By Victor Betis and Howard Swan. Imported by Charles Scribner's Sons, New York City. Price 80c. net. For sale by Des Forges & Co., Milwaukee, Wis.

Napoleon. Edited by Alcee Fortier, D. Lt. Published by Ginn & Co., Boston. Mailing price 55c.

Four Books of Pope's Iliad, I, VI, XXII, XXIV. Published by Houghton, Mifflin & Co., Boston.

Conciliation With the Colonies, the Speech by Edmund Burke. Edited by Robert Anderson, A. M. Published by Houghton, Mifflin & Co., Boston.

American Series of Drawing Books. Published by the Concordia Publishing House, St. Louis, Mo. Nos. 1 to 29.

Prospectus—Ellsworth's Illustrated Lessons and Lectures on Penmanship, One Volume, Cloth Binding, Quarto. Price \$2. Published by the Ellsworth Co., New York City.

Why We Punctuate, Or, Reasons vs. Rule in the Use of Marks. By a Journalist. Published by the Lancet Publishing Co., St. Paul and Minneapolis, Minn.

A Rational Method of Teaching Bookkeeping and Business Practice.—How Shall We Teach Commercial Law? By J. E. King, Rochester, N. Y. Published by Williams & Rogers.

Tables for the Determination of Minerals by Physical Properties. By Persifor Frazer. Published by J. B. Lippincott Co., Philadelphia, Pa. Price \$1.50.

First Exercises in Drawing—A Preparatory Course to the American Series of Drawing Books. Published by the Concordia Publishing Co., St. Louis, Mo.

The Gem Spelling Book No. 3, for Writing Spelling, Vertical Script. Published by Peckham, Little & Co., New York City. Wholesale price 45c. per dozen.

East Latin for Sight Reading. By B. L. D'ooze. Published by Ginn & Co., Boston. Price 45c.

When Hearts Are True. A Novel by Fannie E. Ostrander. Published by Laird & Lee, Chicago. Price 50c.

First Supplement of the Second Year-book of the National Herbart Society—Training for Citizenship. By Jeremiah W. Jenks, Ph. D. Edited by Chas. A. McMurry, Chicago University, Chicago.

Riverside Literature Series, No 102—Macaulay's Johnson and Goldsmith. Edited by Wm. P. Trent. Published by Houghton, Mifflin & Co., Boston. Price 25c.

Riverside Literature Series, No. 103—Macaulay's Essay on Milton. Edited by Wm. P. Trent. Published by Houghton, Mifflin & Co., Boston. Price 25c.

Riverside Literature Series, No. 104—Macaulay's Essay on Addison. Edited by Wm. P. Trent. Published by Houghton, Mifflin & Co., Boston. Price 25c.

Draughton's Practical Bookkeeping Illustrated. By J. F. Draughton, Nashville, Tenn. Price \$1. Retail price to schools and teachers 60c.

Modern Bookkeeping—Single and Double Entry. By J. L. Montgomery. Published by Maynard, Merrill & Co., New York City. Introduction price 80c.

The Werner Arithmetic, Oral and Written, Book Two—Parts I and II. By Frank H. Hall. Published by the Werner School Book Co., Chicago.

The Werner Arithmetic, Oral and Written, for Third and Fourth Grades. By Frank H. Hall. Published by the Werner School Book Co., Chicago.

Sheldon's New System of Standard Writing, in Twelve Numbers, with a copy of Sheldon's Teacher's Manual of Vertical Writing. Published by Sheldon & Co., New York.

Sheldon's New System of Vertical Writing, in Ten Numbers, with a copy of Sheldon's Teacher's Manual of Vertical Writing. Published by Sheldon & Co., New York City.

Bibliography of Henry Barnard. By Will S. Monroe. Published by the New England Publishing Co., Boston.

Feeble Minded Children in the Public Schools. By Will S. Monroe, Westfield, Mass.

Practical Palmistry—Or Hand Reading Simplified. By Count C. De Saint-Germain, A. B., L. L. M. Published by Laird & Lee, Chicago. Price \$1.

MAGAZINES RECEIVED.

Progress, No. 5, for January. Issued by the University Association, in the Interest of University and Worlds Congress Extension. Price \$3.75 per year.

Lippincott's Magazine for February. Published by J. B. Lippincott & Co., Philadelphia. Price 25c.

McClure's Magazine for February. Published by the S. S. McClure Co., New York. Price 10c.

Sothoron's Magazine for February. Published by the Sothoron's Magazine Co., Philadelphia, Pa. Price 5c.

The Arena for February. Published by the Arena Publishing Co., Boston. Price 25c.

The North American Review for February. Published in New York. Price 50.

Educational Review for February. Published by Henry Holt & Co., New York. Price 35c.

Home and Country for February. Published by the Monthly Illustrator Publishing Co., New York. Price 10c.

The Century Magazine for March. Published by the Century Publishing Co., New York. Price 35c.

Harper's Magazine for March. Published by Harper & Bro., New York. Price 35c.

The Forum for March. Published by the Forum Publishing Co., New York. Price 25c.

Review of Reviews for March. Published by the Review of Reviews Publishing Co., New York. Price 25c.

Scribner's Magazine for March. Published by Charles Scribner's Sons, New York. Price 25c.

Kindergarten News for March. Published by Milton Bradley Co., Springfield, Mass. Price 25c.

The Lotus for February. Published by the Hudson-Kimberly Publishing Co., Kansas City, Mo. Price 10c.

The Progress for February. Issued monthly by the University Association, in the Interests of University and Worlds Congress Extension, Chicago. Price \$3.75 per year.

PUBLICATIONS.

Report of the Commissioner of Education for the Year 1894-95. Volume 2 containing Parts II and III.

Annual Report of the Superintendent of Public Schools of the City of Philadelphia, Pa., for the year 1895. Printed by order of the board.

The Forty-Third Annual Report of the State Commissioner of Common Schools, to the Governor of the State of Ohio, for the year ending August 31, 1896.

Circular of Information—No. 1, 1897. Three addresses by the Superintendent of Public Instruction, Issued Jan. 11, 1897, by the Department of Public Instruction, Des Moines, Ia.

Annual Report of the Board of Education, of the City of Auburn, N. Y., for the year ending July 31, 1896.

Message and Documents, Interior Department, Vol. 5, Part 1, 1890-91.

Message and Documents, Interior Department, Vol. 5, Part 2, 1890-91.

Report of the Board of Trustees of Public Schools of the District of Columbia, to the Commissioners of the District of Columbia, 1895-6.

Forty-Second Annual Report of the State Superintendent of Public Instruction for the school year ending July 31, 1895. Vol. I and II.

Twentieth Annual Report of the Board of Education, of Bridgeport, Conn., for the year ending July 14, 1896.

Statistics of Manual Training of Business Colleges, of Schools for the Deaf, Dumb, and the Blind, of Schools for Feeble-minded, Reform Schools, etc. From the Report of the Commissioner of Education, for 1893-4. United States Bureau of Education.

MUSIC.

Humorous Four-Part Song—The Cakes of Pan. By Adam Geibel. Published by White-Smith Music Publishing Co., New York City. Price 12c.

Two Sea Songs, for Four Voices. By Adam Geibel. Published by White-Smith Music Publishing Co., New York City. Price 8c.

Lullaby Up to Date, Humorous Four-Part Song. By Adam Geibel. Published by White-Smith Music Publishing Co., New York City. Price 10c.

Moonlight and Music for Mixed Voices. By Ciro Pinsuti. Published by White-Smith Music Publishing Co., New York City. Price 6c.

Sheldon & Co. claim in our advertising columns that they are about to make a new era in copy-books. They have been over three years at work in preparing a new series of Vertical copy-books, and also a series of Standard copy-books, having employed the most expert talent in the preparation of both series; and have expended merely in the preparation of these books (that is, before one copy was printed) over \$15,000. Some of the Vertical copy-books were issued a few months ago. Such changes as seemed desirable have been made, and they now appear in a new dress. The Standard series are now for the first time presented to the public. The special advantage of Sheldon's Vertical copy-books, it is claimed, is that from the very start they teach vertical writing systematically. Every movement exercise is thoroughly developed, and scholars are thus taught to write this beautiful round hand with facility and rapidity. Herefore, the plan seems to have been simply to furnish copies for the learner to imitate. This naturally produced slow writing which is the main criticism against vertical writing. This series is accompanied by two charts, to hang up in the school room; and also a teacher's manual, which removes every difficulty in the way of teaching this system. Sheldon's Standard series are remarkable for their simplicity and beauty. The vertical system has at last awakened a desire for a more simple style of writing in the slant series, with less elaborate flourishing. The free-hand movement, which recently became so popular, has been incorporated in this series, and business forms are also thoroughly well worked out. Both series should receive careful examination by educators who are looking for the best.

The Albany Teachers' Agency, 24 State street, Albany, N. Y., has grown rapidly during the past year. Harlan P. French, the proprietor and manager, has won the confidence of those who select teachers, by his honorable methods. He has filled some important vacancies—as well as many of the regular teachers' positions. His wide acquaintance with the educational public, his popularity among school board men and superintendents, makes his agency one of the most desirable in which to enroll. His latest pamphlet is handsomely illustrated with leading school men, and filled with testimonials that demonstrate the usefulness of his agency. Write for it.

Students preparing for Medical College should read in this issue the announcement of Hahnemann Medical College and Hospital.

Hahnemann is the largest and best equipped Homoeopathic Medical College in the world.

It owns and manages its own Hospital, where students can see the practical illustration of the didactic teaching given in the college.

It invites investigation.

For particulars write the Registrar, Jos. R. Cobb, M. D., 2811 Cottage Grove Avenue, Chicago.



— *Jucundum nihil est, nisi quod reficit varietas.*—Lord Bacon.

[Believing that the school book representatives as a class are not only capable of appreciating a good thing, but also providing the same for the delectation of others, the Round Table remains a permanent feature of the SCHOOL BOARD JOURNAL. From the nature of the case, the material must be drawn almost entirely from the lives and experiences of the book men, and the editor will be glad to receive contributions from all such sources.]

HE WANTED SOME SUPPER.

How a little tact and some persistency will, at times, under what appear to be hopeless circumstances, lead to success is amply demonstrated in the following little book agency story:

A well known manager of a large educational publishing house, whom we will call Randolph for convenience sake, was many years ago doing country agency work in the state of Michigan. He would start out from some village and with the aid of horse and buggy visit the various surrounding school districts. Upon the completion of a radius of school districts he would move on to the next town and village to repeat the same operation. Before changing his base he would usually inquire as to the most prominent or influential man in the next circle.

Thus before leaving a given point he was told that a certain Willis Baker, a well-to-do farmer in the next township, was a good man to see.

Randolph called on Willis Baker about dusk next day, and when the latter came to the door of his secluded farm house, located some nine miles from the village, the former made known his errand.

"So you want to change books?" said the farmer angrily. "Well, you'll do nothing of the kind. I'll tell you that right now," and proceeded to close the door.

The startled Randolph had but one sensation. He had sniffed a warm supper while Baker's door was open. A long drive and an empty stomach was conducive to an appreciation of even a plain meal.

"I say, Mr. Baker," replied Randolph, "If you can give me no encouragement on text-books can you give me some supper?"

The farmer only said, "ask my wife."

The kind hearted woman invited Randolph to take supper—which he cheerfully accepted.

This done, Farmer Baker expected to see the bookman depart. The latter, however, had done some thinking during the meal, outlining his next day's work.

"Mr. Baker," said he, "it has just occurred to me that I would like to stop here over night. I will have to come back to this vicinity to-morrow. You can save me eighteen miles riding."

"Ask my wife," replied once more the farmer who had not spoken a word since the first greeting he gave Randolph. Again the kind woman acquiesced.

His open satchel was now inspected by the children and Randolph soon had them all interested in his readers and geographies. In the course of the evening the farmer smoked his pipe and only made some indifferent inquiries about the books.

Next morning Randolph got ready to depart. He confided to Baker his plans as to the surrounding school districts and asked for advice.

"Well, what's the matter with starting in this district before going to any other? You know I am a school director."

"Yes, but you told me last night that I had no chance," replied Randolph. "I am respecting your own wishes."

"Oh, pshaw!" replied Baker, "I will sign a contract for your entire list. You needn't see the other

directors. I am running the district. Last night after you had gone to bed my wife and I looked over your books. We decided to adopt them."

Agent Randolph and Farmer Baker now discussed the surrounding school districts, the most direct way of reaching the several districts, etc.

"Look here," said the farmer becoming interested, "if you don't mind I will drive with you to-day and introduce you around."

The offer was accepted and Randolph agreed to reimburse him for his time but Baker would not accept a penny. During the day five districts were secured for the entire list and when night came Baker insisted upon having Randolph accept his hospitality once more.

The second evening was spent in a more sociable manner. The farmer ridiculed Randolph's livery team and said that every one of his own sixteen horses could outstep the worn out plugs which they had been driving that day.

Randolph now manifested an unusual interest in Baker's stables and the entire evening was devoted to a discussion of horse-flesh.

"I have a good notion," said the farmer, after the agent had skillfully led the conversation up to it, "to drive you behind my two bay colts to-morrow."

The offer was accepted. Farmer Baker took delight in showing the speed of his fine team to an appreciative book man.

To make a long story short, Randolph remained three days and on the fourth, at noon, bid the Baker family good-bye. He had secured seventeen districts for his books. Baker had done the introducing and in each case told the school director that the consideration of a change in books needed no further argument. He had adopted them for his own district and knew they were all right.

When Randolph left, the farmer said: "I didn't like to see you come but, begosh, I hate to see you go away."

AMONG BOOK MEN.

Judge Wm. Clendenin, who represented the American Book Co. in Wisconsin a few years ago, and later in Illinois, has been transferred to the Brooklyn field, to fill the vacancy caused by Arthur Somers. Judge Clendenin made a reputation for himself as a bookman in a comparatively few years. The "Judge" is still a young man and came to his legal title through the humorous darts of his friends. He is a lawyer and for a short time practiced law in Cincinnati. His youthful appearance and impatience in waiting for clients induced him to quit the law. On his arrival a dinner was given in his honor and as a sort of introduction to the other bookmen.

Without doubt the firm of Maynard, Merrill & Co. owe much of their good fortune in the East to their general agent,

W. H. Gould. Mr. Gould, although not yet thirty years of age, has been in their service for a long time and has skillfully carried their books to victory in many a hard fought battle. He is a graduate of that greatest of all schools—the newspaper office—and as a reporter won a reputation for quickly grasping a situation and securing the best news in advance of his competitors. Since he has been with this house he has not lost any of his shrewdness and seldom lets a chance go by to make a point for his firm, or, as card players say, "never misses a trick." He is never so well pleased as when completely overrun with work and does not know what it is to become "rattled" in a fight. Always good natured, Mr. Gould manages to find



W. H. GOULD,
Eastern Agent Maynard,
Merrill & Co.

the humorous side of everything and no matter what has happened greets all with the same old smile.

The southern branch of D. C. Heath & Co., educational publishers, says a southern journal, is represented at the Southern Educational Association by Mr. E. E. Smith, of Atlanta, the general southern agent. Mr. Smith is a native Kentuckian, was for twenty years a teacher himself, and is withal a genial and companionable gentleman.

Col. John A. M. Passmore, of Philadelphia, has been appointed to a trusteeship of the Wernersville Insane Asylum. A newspaper at Pottsville, Pa., the Colonel's old home says: The appointment could not have been more worthily bestowed. Col. Passmore's life has been spent in doing good to mankind. His every impulse and instinct is in sympathy with the unfortunate, and of all the misfortunes of the human race the dethronement of reason is the most lamentable, and demands the tenderest consideration of those who are spared that affliction. And this the unfortunate inmates of the Wernersville Asylum are sure to receive from the newly appointed Trustee.

L. J. Lively, who represented the Werner School Book Co. in Illinois and Wisconsin for some time,



L. J. LIVELY,
Chicago, Ill.

has quit the book field and will manage the map department of the Werner Co., with headquarters at Chicago. Mr. Lively was for many years in the school supply and furniture business before entering the book agency work. He was at one time with D. Appleton & Co., and later on went with the Werner School Book Co. soon after

its organization. The Werner Co. is a separate concern and does not handle school books. It has recently published a series of relief maps.

Mr. W. D. Nickerson is at the head of Rand, McNally & Co.'s school book department in New York City, and not P. B. Hulse, as was erroneously stated in a recent issue. The Company occupies the ground floor at 61 East Ninth street.

H. T. Dawson, of the University Publishing Co., New York City, made a tour of the Northwest last month. After attending the Indianapolis meeting he visited Chicago, Minneapolis, and St. Paul, and incidentally stopped off to see Bruce and his office cat.

Among those who attended the recent Barnard celebration at Hartford, Conn., was Mr. O. M. Baker, of the G. & C. Merriam Co., Springfield, Mass. When the guests filed in line to greet Dr. Barnard, the genial Mr. Baker concluded that he must introduce himself, having met the celebrant but once and that many years ago. When Dr. Barnard saw the tall dictionary man he recognized him at once, saying: "Mr. Baker I remember meeting you many years ago at Elkhorn, Wis., where you taught school." Dr. Barnard demonstrated a fine memory indeed.

Oscar L. Watkins, Indianapolis, agent for Ginn & Co., in Indiana, has added an heir to his family. The boy has received the classic name of Osric. The father is as proud as only a Hoosier can be.

J. W. Gillette, formerly an agent for Maynard, Merrill & Co., has been appointed superintendent of the big car-wheel works at Hudson, N. Y.

Among the southern bookmen at Indianapolis was the genial Col. L. B. Robeson, who represents Ginn & Company, with headquarters at Atlanta, Ga. The Colonel had a fund of new Southern stories which he tells with the true Georgian accent. Lucien V. LaTaste, the University Publishing Co.'s man at Montgomery, Ala., was conspicuously absent. His friends looked for him patiently and impatiently—but he cometh not.

FINAL

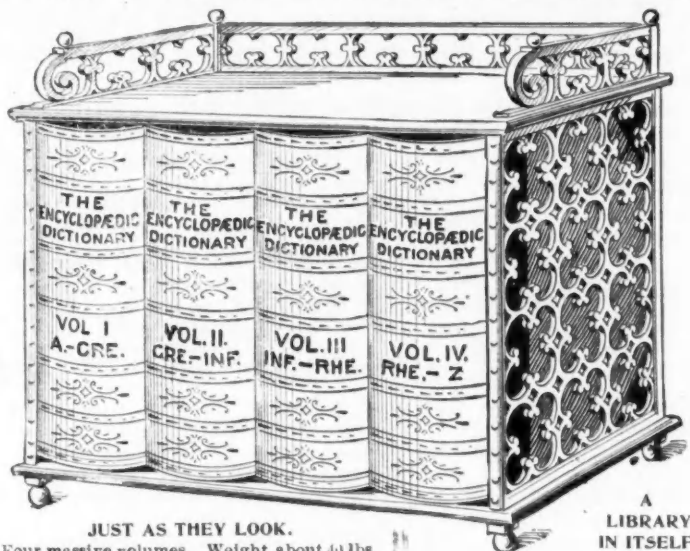
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“At the very head of contemporary publications of this kind, and firmly established as one of the few great reference books of the world.”—*Christian Herald, New York*.

School Board Journal

PENNSYLVANIA'S CONVENTION.

Continued from page 12.

At the evening session the first question discussed was the "Operation of the Compulsory Attendance Law," opened by D. F. Fortney, Esq., of Bellefonte, Pa. Mr. Fortney showed clearly that there existed a necessity for the law compelling attendance upon school. He then addressed himself to a consideration of the operation of the law.

William McGeorge, Jr., opened the discussion on the question "Should the State Control and Publish School Text Books?" He treated the subject in a somewhat humorous style, showing the absurdity of the proposition. He argued that under the present system of competition boards of education were able to procure better books and pay less for them than would be possible if the State were to control and publish them. Mr. I. A. Cleaver followed with an able paper, in which he took the same position as the previous speaker.

Dr. M. G. Brumbaugh, of the University of Pennsylvania, was the next speaker. He said there are just two propositions to be considered.



HARVEY H. HUBBERT,
Chairm. Exec. Com. Penn. State
School Directors' Ass'n.
Philadelphia, Pa.

First, we want the best books for our children that can be procured. Second, we cannot get the best books if we authorize the state to control and publish them. The folly of this proposition is only excelled by that of Gov. Tanner, of Illinois, who proposes to have the school books of that state made by the convicts in the penitentiary. The convention then adjourned to meet again in the morning.

The morning session was opened at 9 o'clock. The first business was the reading of a paper by D. F. Brunner on the "Relation of the Compulsory Attendance Act," and argued that the Vaccination Act should be so amended so as to not conflict with the former. He did not think children who had not been vaccinated should be kept out of school when there was no small-pox in the neighborhood.

"Should there be a State University?" was argued affirmatively by Mr. Wilder and he advanced a scheme to get one. F. W. Lockwood opposed the scheme as impracticable at this time. We need to get our elementary schools in better condition before we talk about a free university was the sentiment he expressed.

The following resolutions were adopted:

First. Against uniformity and state publication of school text books.



I. S. GEIST,
Vice-Pres. Penn. State Sch. Dir. Assn.,
Marietta, Pa.

Second. Commending the compulsory attendance law and recommending certain amendments to it.

Third. Favoring an increase of the shortest school term to seven months.

Fourth. Endorsing the high school law passed two years ago, and praying the legislature to appropriate the money neces-

sary to carry it into effect.

Fifth. Protesting against any reduction in the state appropriation.

A resolution was offered endorsing Dr. Schaeffer for re-appointment to the position he now holds, and authorizing the submission of a memorial to Gov. Hastings on the subject. At Dr. Schaeffer's request, the resolution was withdrawn, as he desired to see the association kept clean of any political influence.

The following officers were elected:

President, Hon. J. P. Elkin; Vice Presidents, Hugh B. Eastburn, I. S. Geist, Wm. Repp; Recording Secretary, Harry Sloyer, Corresponding Secretary, J. E. Peel; Treasurer, Rev. J. K. Knerr; Executive Committee, H. H. Hubbert, Dr. N. B. Louman, D. F. Fortney, A. F. Heinzelman, Charles Foster; Legislative Committee, Hon. Emerson Collins, Hon. J. B. Hammond, E. W. S. Parthemore, I. A. Cleaver, W. M. Heimach.

Addresses were made by the retiring president, H. H. Quimby, Superintendents Twitmyer, Slotter and Smith, Director Wm. Howard Day, and others, after which the convention adjourned sine die.

There were present at the convention 140 Directors and Superintendents, representing thirty-five counties of the state. The convention was very interesting and a great success educationally.

AMONG BOARDS OF EDUCATION.

St. Louis, Mo. The school board has been petitioned to discharge a teacher solely on the ground that she is too old and good natured to properly control the larger scholars.

St. Paul, Minn. The school board has decided to open an ungraded school for the dull pupils who are unable to keep up with their classes. The action was taken on recommendation of Supt. Curtis, who at one time was in charge of two of these ungraded schools in Newark.

Atlanta, Ga. A number of prominent Atlanta ladies have petitioned the board of education to establish a night school for the working girls of the city.

Chicago—It is said that Supt. N. C. Dougherty, of Peoria, has been tendered the directorship of the Bradley Polytechnic Institute, of the Chicago University.

St. Cloud, Minn.—The courts have restrained Supt. Rocholl and the teachers from the use of prayers in the schools.

Newark, N. J., has adopted a novel idea to secure good plans for its new \$300,000 high school, upon which work will be begun in a very short time. They claim that the best architects would not enter into a competition and submit plans upon which they had expended much time and money, as they feared the plans might be rejected, and they would therefore lose all their labor. The committee consequently set aside \$1,500 and selected five of the most able architects, asked them to submit plans and agreed to pay them each \$300 whether their plans were accepted or rejected. From these five sets of plans and specifications the best one will be chosen, and the architect will receive his other commission. This scheme has the advantage of giving each of the five members of the building committee a chance to name one of the architects who is to have the privilege of entering the competition, and securing \$300 anyhow.



DR. M. G. BRUMBAUGH,
Huntington, Pa.

THE MINNESOTA SCHOOL BOARDS.

The convention of the Associated School Boards of Minnesota, will take place on Wednesday, March 17. Owing to the absence from the state of Dr. W. A. Hunt, of Northfield, president of the association, Mr. Luth Jaeger, of Minneapolis, has had charge of the arrangements and the program.

The convention will be held at Alexandria, and will open at 3:00 p. m., at the congregational church, on the date above mentioned, and continue probably until the close of the next day. The program is not quite completed but it is known now that after an address of welcome by the president of the Alexandria school board, and a response by Dr. Hunt, Mr. Wm. S. Mack, of Aurora, Ill., will speak on "The Relations of the School Board to its Superintendent." This will be followed by an address by President Northrop, of the University of Minnesota, on "The Public Schools of Minnesota and their Needs."

Among the subjects likely to receive attention are "School Taxes and State Aid," "Rural Schools," "The Place of the Normal School in a System of Education," "Day Schools for the Deaf," "Defective Vision and Hearing and their Remedy." The latter subject will be taken up by Supt. E. G. Adams, of Northfield.

Tuancy and ungraded schools for truants, will also receive attention, as will also the compulsory laws of the state and the question of teachers' salaries.

The present membership covers the school boards in the following cities: Le Sueur, Montevideo, Plainview, Blue Earth City, St. Peter, Anoka, Waseca, Heron Lake, Dodge Center, Rochester, Owatonna, Northfield, Madison, Janesville, Minneapolis, Springfield, Faribault, Alexandria.

ITS FOURTH ANNUAL MEETING.

The Western Drawing Teachers' Association will hold its fourth annual meeting in St. Louis, Mo., April 21-23.

At that time there will be one of the largest exhibits of drawing ever seen in the country as about sixty Western cities will send work.

The people of St. Louis take great interest in the coming event and will exert themselves to make the guests of their city comfortable and happy during their stay.

The program promises to be a literary feast, as many of the leading educators of the country are to speak.

HOW'S THIS?

We offer One Hundred Dollars reward for any case of catarrh that cannot be cured by Hall's Catarrh Cure. F. J. Cheney & Co., proprietors, Toledo, O. We, the undersigned, have known F. J. Cheney for the last fifteen years and believe him perfectly honorable in all business transactions, and financially able to carry out any obligations made by their firm. West & Truax, wholesale druggists, Toledo, O., Waldring, Kinnon & Marvin, wholesale druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by Druggists. Testimonials free.

To Teachers and others. "DRAUGHON'S PRACTICAL BOOK-KEEPING ILLUSTRATED," for HOME STUDY and for use in literary schools and business colleges. Successfully used in general class work by teachers who HAVE NOT had the advantage of a business education. Will not require much of the teacher's time. Nothing like it issued. Price in reach of all.

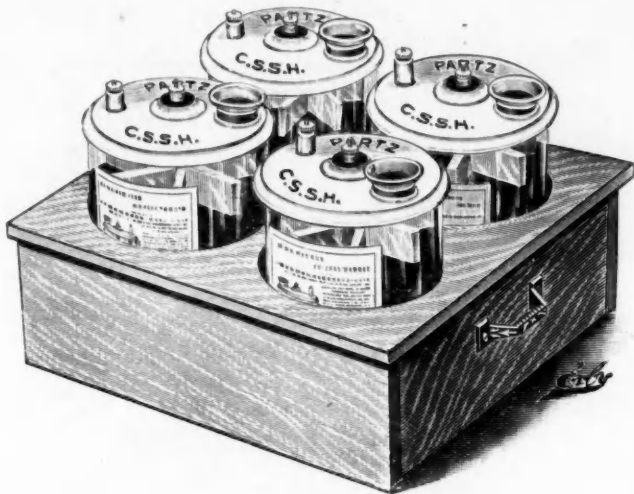
OVER 400 **Orders Received**

FROM COLLEGES **IN 30 Days.**

Special rates to Schools and Teachers. Sample copies sent for examination. Write for prices and circulars showing some of its Special Advantages, Illustrations, etc. (Mention this paper). Address **DRAUGHON'S Practical Business College,** Nashville, Tenn., or Texarkana, Texas.

"PROF. DRAUGHON—I learned bookkeeping at home from your book, while holding a position as night telegraph operator." C. E. LEFFINGWELL, Bookkeeper for Gerber & Ficks, Wholesale Grocers, S. Chicago, Ill.

Physical, Chemical, and Optical Apparatus.

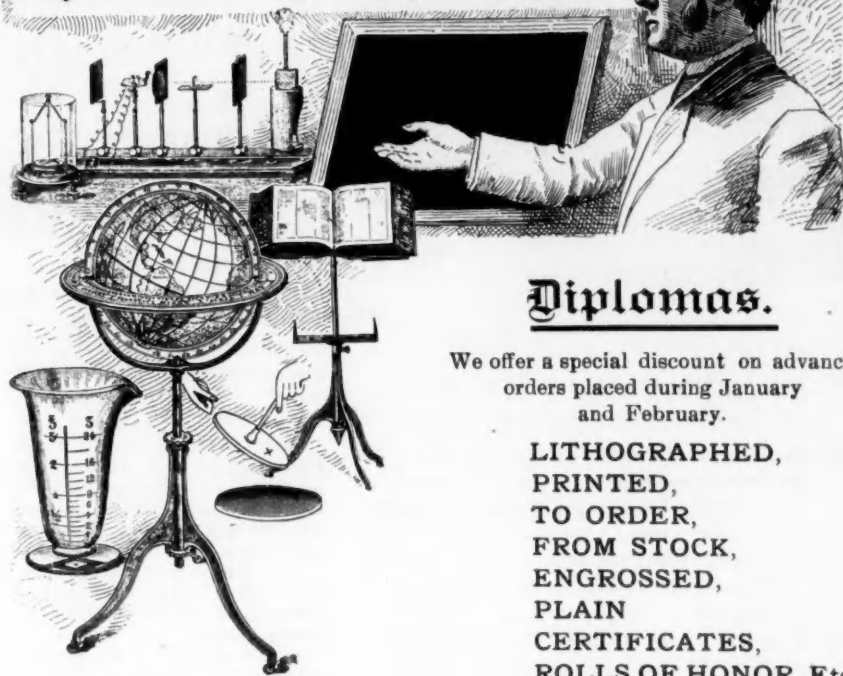


We are in position to furnish ANYTHING needed in Laboratory Work at prices that will be satisfactory. Quality of goods guaranteed.

Careful Attention Given to Repairing.

Samples Sent on Application.

School Supplies.



Diplomas.

We offer a special discount on advance orders placed during January and February.

LITHOGRAPHED,
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CERTIFICATES,
ROLLS OF HONOR, Etc.

Send for Catalogues A, B, C, D, E, F, G, H.



Central School Supply House

ESTABLISHED 1889.

CHICAGO, U. S. A.

HEATING AND VENTILATING.

San Francisco. The contract awarded to Morgan & Co. to heat and ventilate the new Mission high school at \$9,496 is considered too high and an investigation has been ordered.

Westport, Mo. Contract for heating new high school was awarded to Lewis & Kitchen.

Mount Vernon, N. Y. The heating contract for the new high school was awarded to the Peck-Williamson Heating and Ventilating Co.

Cincinnati, O. The Fuller & Warren Co's system of heating and ventilating will be placed in the new Lincoln school building.

Cleveland, O. School Director H. L. Sargent and M. R. Dayken, a member of the school council, have been visiting the city of Detroit and inspected the Powers and Johnson heat regulating systems in use in some of the school buildings in that city.

Wheeling, Va. A representative of the Smead heating and ventilating company has been in town examining the working of that system in the schools in which it has been placed.

Edward C. Lewis, of Chicago, Ill., Isaac R. McCreery, of Des Moines, Iowa, and John H. Kitchen, of Kansas City, Mo., have formed a co-partnership in the business of heating and ventilating engineers and for the sale of heating and ventilating apparatus for public and other buildings. Under this arrangement the Iowa Warming & Ventilating Co., of Des Moines, Iowa, will pass out of existence and its business will be consolidated with that of the American Warming and Ventilating Co., of Chicago, Ill. The business at Kansas City, Mo., heretofore transacted under the name and style of Lewis & Kitchen, will be continued under the same name but as a part of the general business of the American Warming & Ventilating Co. above mentioned.

Mansfield, O. The East Fourth street school building is heated and ventilated with the Fuller-Warren Co's system.

SANITATION AND HYGIENE.

Philadelphia. The board proposes to appoint a medical inspector for the schools.

Syracuse, N. Y. The board will order an examination of pupils' eyes.

Maryland. The secretary of the State Board of Health has issued a letter regarding cleanliness in public schools and the necessity of care to prevent the spread of infectious diseases among pupils. Teachers are urged to insist upon a daily sweeping and dusting of school rooms, together with a chloride of lime washing of everything that water will not hurt at least once a week. Between Friday and Monday the rooms should have at least ten hours exposure to sun and wind, Dr. Fulton says. Special care is also recommended regarding water-closets, toilet and cloak-rooms. No books should be transferred from child to child, he urges, without disinfection by paraldehde. "Every school room," the letter continues, "should be supplied with a covered water-holder. Every pupil should possess a drinking cup.

Bound slates, such as are furnished by the trade, ought to be excluded. A simple slab of stone, three-sixteenths of an inch thick, having round corners and edges,

could be easily and well cleaned." He calls attention to the fact that bacilli of diphtheria remain much longer than two weeks after convalescence of a patient. He advises that pupils from an infected home should be readmitted only on the certificate of a physician.

Osage, City, Kan. At a business men's meeting a resolution was passed requesting the members of the Board of Education to refrain from the use of tobacco, as good results to the pupils could not be accomplished while such a practice was indulged in.

FIRE PROTECTION FOR SCHOOL BUILDINGS. THE MILLER CHEMICAL FIRE EXTINGUISHER.



The only practical Extinguisher requiring no constant attention, and will not freeze as with Soda and Acid Machines. Reasonable in price, simple to operate, and warranted for five years. Ten years on the market. Perfect in every detail.

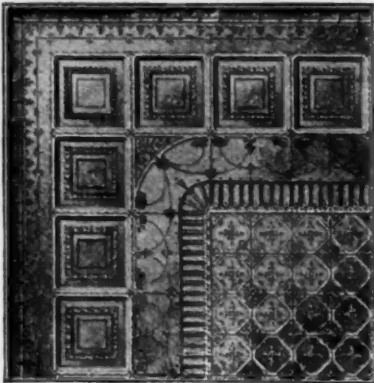
SPECIAL PRICES TO SCHOOLS.

Write us.

Miller Chemical Engine Co.,

93 EAST INDIANA ST.,

CHICAGO, ILL.

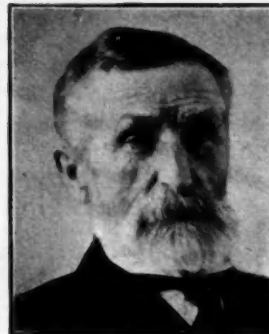


Steel Ceiling, METAL ROLLING PARTITIONS, ETC.

KINNEAR'S ceiling is unexcelled in construction. Nothing more appropriate for school buildings. Never cracks, never burns up, never falls off.

Send for Catalogue.

The Kinnear & Gager Co.,
MANUFACTURERS,
COLUMBUS, OHIO.



AMOS R. PARDEE,
President Board of Education,
Shananteles, N. Y.

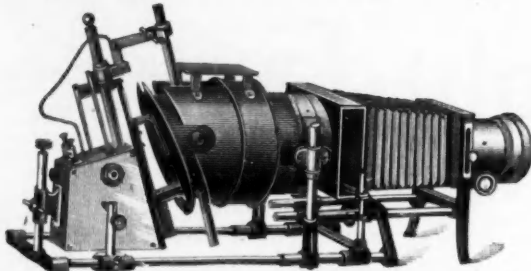
OUR PRIZE OFFER.

A PRIZE OFFER THAT IS AN OFFER INDEED.

THE SCHOOL BOARD JOURNAL has for many years refrained from offering prizes. First, because prize offers by the daily press have not proven in many cases to be satisfactory. Second, because it has been difficult to select an article or articles that would prove suitable as well as acceptable to the educational public.

After careful study, we have finally hit upon a plan by which we think the teacher or instructor will derive a great deal of benefit.

We have long recognized the importance of the Magic or Optical Lantern as an appliance of great



merit in instruction. Many of the states in the Union have adopted it as a means of education, and it is rapidly forcing itself into the school houses all over this country of ours, therefore it occurred to us that one of these lanterns would be the correct thing to offer.

We have made arrangements with J. B. Colt & Co., of New York City, makers of undoubtedly the best lantern for school purposes, whereby we can make the following offer to our readers:

For the best article on the "Use of the Optical or Magic Lantern" in the schools and other institutions of learning, embodying studies which could be profitably illustrated with a lantern, we will give: The choice of any one of the lanterns which will be illustrated from month to month in these columns, and which range in price from \$25 to \$100.

The contest will be open for six months, and the best articles will appear in the AMERICAN SCHOOL BOARD JOURNAL from month to month. There are no special conditions; anyone who teaches a school may compete for the prize, which will be sent free to the one sending the very best article to the Editor of the AMERICAN SCHOOL BOARD JOURNAL, 3 to 5 West Eighteenth street, New York City.

IMPROVED READING AND SPELLING BY THE POLLARD SYNTHETIC METHOD.

Comment of Supt. C. F. Boyden, of Taunton, Mass., in his January, '96, annual report:

"The method is essentially new to all. * * * The better it is known the simpler it seems and the more effective it is made in producing independence and power on the part of the pupil. The child likes it. He is attentive and interested. Interest is the soul of intellectual power. It pre-eminently calls for independent work. Through it many a dull one has been awakened. In many a case, what other methods did not accomplish this has already done."

* * * In another column see advertisement of the Western Publishing House, Chicago, Ill.

SYNONYMS, ANTONYMS, AND PREPOSITIONS.

The more thorough study of the English language is receiving recognition as an essential part of educational work in America. Our colleges, academies, and high schools have added the English Classics to the Latin and Greek, French and German of the earlier curriculum, and are steadily advancing the work and the standard of the English department. An entirely new work on English Synonyms is especially timely and welcome. Such a book has just been published by Funk & Wagnalls Co., New York. It is entitled "English Synonyms, Antonyms, and Prepositions."

Scarcely any two words called synonyms have exactly the same meaning. Heretofore, in collections of synonyms, only the list of words has been furnished, and the user has been obliged to make his own discriminations. In this book, the different shades of meaning in all the 7,500 synonyms, are compared and contrasted, and the differences of meaning and usage explained. The great value of synonyms as contributing beauty and effectiveness to expression depends upon this discrimination.

In comparison and contrast, the choice of many opposite words is essential to the strength, clearness, and beauty of the syntax. A list of antonyms is given with almost every group of synonyms, supplying direct contrasts and furnishing the most effective aid for antithesis or negation. There are about 4,000 antonyms, the number seeming to be less than that of synonyms simply because in many cases the synonyms of one group are also the antonyms of another.

Mistakes in the use of prepositions are frequent. The average writer requires a means of quick and easy information, such as is afforded by the valuable method used in this book. Of this method the following illustration serves as an example: Under "Plead"—prepositions: Plead *with* the tyrant for the captive; plead *against* the oppression or oppressor; plead *to* the indictment; at the bar; before the court; in open court.

This is the first book of synonyms which has been expressly prepared to meet the wants of a text-book. A series of practical exercises is supplied in which are included questions accompanied by quotations from the best authors with blanks to be filled by the students. Special directions are furnished to the teacher. The work is particularly useful also to the individual student.

On the whole, this work is an invaluable aid to securing clearness, accuracy, and force in written or spoken words. It opens vast vistas of possible fullness, freedom, and variety of utterance which will have the effect, for many, of a revelation. It should be considered an indispensable companion to the dictionary in every school and home.

PROF. IRISH'S WORK.

Prof. L. H. Jones, Superintendent City Schools, Cleveland, O., says:

"I have given three sittings to the careful examination of your 'American and British Authors,' becoming more and more interested with each added study. I commend your selections and your carefully written sketches of authors; but more than all else the spirit of love for the best in literature which you seem to have fairly breathed into the work from beginning to end. It is the spirit of the book lover but something more,—a feeling that seems to go beyond and attach itself to the writer whose life blood comes through his work. Your book will do much for enlightenment, but more for the ethical and intellectual development of its readers. 'American and British Authors' seems to me admirably adapted to use as a manual in upper grammar grades and in high schools. Its use will certainly develop a love for the best that has been written in the English tongue."

Contract awarded to J. M. Olcott by Philadelphia board of education for 1897, for W. & A. K. Johnston's Wall Maps, Parker's Relief Maps, Olcott's Wool Felt Erasers, and Seaman's Commercial Paste.

Fresno, Cal. The matter of starting a manual training school has been deferred.

4 4

"Absolute Reliability"

Sums up the good points of the

Number Four Caligraph

Typewriter

"It Outlasts Them All"

Descriptive Catalogue may be had on application.

AMERICAN WRITING MACHINE CO.
237 Broadway, New York

4 4

THE TYPEWRITER IN EDUCATION.

There are a number of superintendents of schools who have had no experience in the educational use of the typewriter, or who have made but meagre observations as to its use in the schools.

A circular letter sent out some time ago by this journal revealed this fact. In many cities the typewriter is used in the high schools, while in others it is used only in the business offices of the School Board and Superintendent. We also found a large number of superintendents who believe the typewriter useful only as a mechanical device, while others who have given the subject careful attention believe that it is of value, and is a distinctive educational factor of a kind. Their responses, which are numerous, testify to the educational value of the typewriter, in that they agree that it promotes more careful composition—hence, a more discriminate selection of words and phrases.

Supt. Albert Hardy, of La Crosse, Wis., says: "There is no doubt that the use of the typewriter tends to more accurate spelling and greater neatness of work."

J. A. Reinhard, superintendent schools, Paterson, N. J., says: "The typewriter is of strong educational value—increasing accuracy, neatness, sense of systematic arrangement, and general administrative efficiency on the part of all who use it."

Supt. E. S. Kirtland, of Holyoke, Mass., says: "We make the use of the typewriting machines a part of our business course in the high schools. A large room being fitted for it expressly. We have some machines in the grammar schools, and arrange to have any pupil in the higher grades practice under the direction of the general teacher. The typewriter is coming into general use, and all persons who have much writing to do will possess one unless prices prove prohibitive."

The introduction of the typewriting machines into the upper grades of grammar schools is a strong forward stride in educational work. It is the recognition of the typewriter, aside from its utility as a mechanical device and labor-saving instrument, as the means of strengthening English composition.

While much might be said of its advantages in increasing accuracy in spelling and punctuation, a greater value must be attributed to it when it is recognized that thought is stimulated and expression strengthened and beautified. By its use not only superfluous words and sentences are omitted, but the mind seeks terser expressions, better shading of words and greater completeness of diction.

The Universum Clock represents the universe. It shows the earth revolving round its axis, the time at the point passing the sun, and the stars in the heavens in their proper position.

The Northern Hemisphere Clock shows at a glance the time in every place between the North Pole and Equator.

Universum Clock Co., 1 Beacon St., Boston, Mass.

Maynard, Merrill & Co., Publishers of School Books. Catalogue Free.
43-47 E. 10th St., N. Y. Send for it.

H. I. SMITH, 5 SOMERSET ST., BOSTON. J. D. WILLIAMS, 151 WABASH AVE., CHICAGO.



LANDING OF THE PILGRIMS.

From the new "Historical Reader" published by The Morse Co., New York and Chicago.

ANSWERS TO CORRESPONDENTS.

S. H., Ky.—*a.* In a town where there is only one school, does the principal have the same prerogatives that a superintendent does where one is employed? *b.* If a principal decides it is not best to have night entertainments has a subordinate teacher any right to ask permission of the Board, thus disregarding the principal's ruling? And has the Board any right to grant her permission? Do not these prerogatives belong to the principal by virtue of his position? *c.* Has a member of the Board any more right than any other man to tell the principal to give way to him for an hour, or any length whatever, as he wants to lecture? *d.* Is it showing the teacher proper courtesy for a member to want to conduct a recitation, uninvited? In short, isn't it presumptuous and discourtesy for a member of his own accord, unauthorized by the Board, to interfere with the inner workings of the school? *e.* Is it proper or improper for a Board to say to a principal, "In your discipline, you must not admit the evidence of a certain teacher, because, on account of you being related to that teacher, you would of course have implicit confidence in his word, and it would be found that justice would not be done." Is that courtesy to the teacher?

ANSWERS: *a.* Unless the particular school is under the supervision of a County superintendent

the principal usually exercises the functions of a superintendent. *b.* A teacher must regard the principal as her immediate superior officer. To ignore this authority it must be called insubordination. The board has a right to grant permission to the teacher to use school room at night, unless rules provide otherwise. The principal has no right to interfere. *c.* A board member has no such right. Action by the board is necessary. *d.* He has none beyond the right to satisfy himself of the quality of work done in the schools, and the results obtained. *e.* The board should admit evidence of teacher as well as principal, pupils, and parents. Discourtesy is manifested in ignoring teacher in matters of discipline.

J. R. Austin, Tex.—There are several. The best, no doubt, is the one manufactured by the Miller Chemical Engine Co., at Chicago.

L. F. W., Dayton, O.—Write to your state superintendent, Hon. O. T. Corson, Columbus, O., for the desired information.

A. D., Montpelier, Me.—See "Book Reviews" page 14, January SCHOOL BOARD JOURNAL. A comprehensive idea of the book is given.

Parsons, Kas. Mr. Barnes, of Ginn & Co., lately addressed the board of education on the subject of vocal music in the schools. The board has become interested on the subject.

We seldom depart from what may seem the legitimate scope of this Journal, and when we devote a paragraph to the subject of advertising, or to one who is prominently identified with it, it is because modern advertising is an art and a science, hence comes under the head of education. Albert H. Snyder has done such notable work in the preparation of advertisements that he deserves more than a mere mention. His work embodies the essential principles in the art, viz., attractiveness, directness and argument. Some of his work may be seen in the advertisements of the American Boiler Co., in this journal. These change each month, and not only bring out the company and its product into pleasing prominence but carry a conviction that enlists the interest of the reader and probable purchaser. He has evidently made a close study of the art of illustrative as well as typographical display, of the economy of space and the terseness of diction. Few men surpass him in producing effective display advertising.



ALBERT H. SNYDER,
Chicago.

PURE WATER

FOR THE SCHOOLS.

DO YOU HAVE IT?

ARE YOU INTERESTED?

IF SO, Address

H. S. CHAPMAN, President Board of Education.
LOCKPORT, N. Y.



THE UGLY DUCKLING INK WELL

Displaces all others:

"We have used it in several school buildings for years, and have become so well satisfied with it that this year we have removed every other device for holding ink, and placed it in every desk in the Public Schools of Cleveland."

W. B. WRIGHT,
Ass't Sup't of Bldgs,

Strong, Cobb & Company,
Cleveland.

"The Light Running" DENSMORE "The World's Greatest Typewriter."



We now make all Densmores with the TYPE-BARS SWINGING ON BALL BEARINGS like those of bicycle wheels. This prevents wear at the bearings of which alignment and durability chiefly depend. It makes an era in typewriter construction.

Handiest, simplest, easiest to learn and keep in order—hence,

BEST FOR SCHOOLS.

The U. S. Department of the Interior alone uses 150 Densmores, and the Custodian says they give "entire satisfaction."

Densmore Typewriter Co., 316 Broadway, N. Y.

Greensburg, Pa. The school directors of this county have decided to recommend to the legislature an amendment to the compulsory educational law changing the ages from 8 to 13 to 6 to 15.

A TRIP TO EUROPE.

Those desiring to join a party for a trip to Europe next summer should see advertisement on another page.

Indigestion

Horstford's Acid Phosphate

Is the most effective and agreeable remedy in existence for preventing indigestion, and relieving those diseases arising from a disordered stomach.

Dr. W. W. Gardner, Springfield, Mass., says: "I value it as an excellent preventive of indigestion, and a pleasant acidulated drink when properly diluted with water, and sweetened."

Descriptive pamphlet free on application to
Rumford Chemical Works, Providence, R. I.
Beware of Substitutes and Imitations.

For sale by all Druggists.

A person under examination for an appointment as a teacher in the public schools of Ypsilanti, Mich., who being asked to explain the electoral college, replied that it was an institution having for its object the furthering of the study of electricity.

An Ellendale (N. Dak.) grammar school boy wrote the following composition on "The Editor:" "The editor is one of the happiest individuals in the world. He can go to the circus without paying a nickel, also to inquests and hangings. He gets free tickets to theatres, gets wedding cake sent him, and sometimes gets a licking but not often, for he can take things back in the next issue, which he generally does. While other folks have to go to bed early, the editor can sit up late and see all that is going on."

The county superintendent of schools in a Western state says that he was once visiting a school when a reading class was called up to recite. A girl stood up to read and after reading a line or two she came to the word "saucer," whereupon she hesitated because she could not pronounce the word.

"What?" said the teacher, a big, burly fellow with an important and all-wise air, "you can't pronounce a little word like that? Well, spell the word and let somebody else in the class pronounce it for you."

The girl spelled the word aloud, but no one in the class offered to "pronounce" it, and the disgusted teacher said:

"Is it possible that I've got to per-nounce that word myself? I'm ashamed of you. Well, now, listen while I per-nounce it and don't you ever forget it. The word is sassier!"

TEACHERS OF PHYSICS

Can Aid Their Students by Having Them Read
HOME STUDY, an Elementary Journal for Students of
Electricity. Mechanical Drawing. Mechanics.
Mining. Architectural Drawing. Architecture.
Plumbing. Steam Engineering. Heating.
Ventilation. Civil Engineering. Prospecting.
SAMPLE COPIES FREE. Address,
HOME STUDY, Box 1053 Scranton, Pa.

Here's a problem not now in any arithmetic: A farmer owned a hog and wanted to weigh it. The man's weight was one hundred pounds, while his wife weighed one hundred and thirty-five. They put a board across the fence so that when they sat upon the end of it it exactly balanced. They then changed places, his wife taking the pig in her lap, just balanced the board again. What is the weight of the porker?

In one of the board schools in Manchester, Eng., an inspector, while examining a class, asked a little boy in the front row which would he rather have, three-fifths of an orange, or four-fifths.

The boy answered three-fifths.

"What?" said the inspector, "would you sooner have the small piece?"

A lad from the back row put up his hand, and said:

"Please, sir, that lad doesn't like oranges."



MISTRESS: I attended a cooking school and that is why I am so fully informed."

COOK: Well! well! now I know why you can't cook.

Willie had swallowed a penny in the school room and his teacher was in a state of much alarm. She requested one of the other boys to go and get a doctor.

The terrified and frightened boy looked up imploringly. "No," he interposed, "send for the minister."

"The minister?" asked his teacher incredulously. "Did you say the minister?"

"Yes. Because my father says our minister can get money of anybody."

He Wasn't Responsible.

Teacher—"Who was Christopher Columbus?"

Fritz—"I dunno."

"Who discovered America?"

"Well, I never did it. You can't lay the blame on me."

They Were Ready.

One of the district school trustees was a crank on the subject of fire, and when he called around with the examining board he always confined his remarks to a question addressed to the pupils as to what they would do in case the building should catch fire.

The teacher was acquainted with his hobby, so she prompted her scholars as to the answer they should give when he arose to propound his accustomed inquiry.

When the board called, however, this particular trustee, perhaps from a desire to emulate his associates in their addresses, rose and said:

"You boys and girls have paid such nice attention to Mr. Jones' remarks, I wonder what you would do if I were to make you a little speech?"

Quick as thought a hundred voices piped in unison:

"Form a line and march down stairs."



Value of an Education.

YOUNG MISTRESS (reprimanding the servant): You degenerated thing! Why, if it had not been for my fine education I would use much meaner language.

One boy in Springfield, Mass., is so bright that he has got into the newspapers. The brightness consisted in asking his school teacher how far a procession of the presidents of the United States would reach if they were placed in a row. When she gave it up he answered: "From Washington to Cleveland."

TEACHER: What are you going to be when you grow up, Ethel?

ETHEL: I'm going to be a divorced lady, like Mrs. Fluffy. Mamma says she has more fun than you can shake a stick at.

When unruly pupils in Crawfordsville, Ind., make noises in the school room the teacher forces them to take castor oil, saying the way to stop squeaky machinery is to oil it.



In a German School.

SCHOOLMASTER: Hans, why were you absent this week?

HANS: 'Cause my brother had the measles; and mother wants me to tell you that I will be absent next week—'cause then I'm going to have 'em.

A HARD TIMES MONEY MAKER.

Dear Editor.—Tell Mr. B. the best hard times money making business is the Plating Business. People now replace old ware instead of buying new. Every family, hotel, or person have work, and I get all Watches, Jewelry, Tableware, Bicycles, &c. I can plate with Gold, Silver, Nickel and Royal Metal. Made \$97 last month, business improving. Filled with a cheap plater from N. Y., then bought a good one from Prof. B. Gray & Co. Plating Works, Columbus, O. Its a dandy. Everything complete, receipts, formulas and taught me free. Work elegant, customers happy. No experience needed, any one can make money easy if they try. A READER.

A SURPRISING THING IT IS,

Indeed, how little consideration, when properly estimated, is at times given to economic details of school administration. A cheap heating system—cheap when first bought and installed—can become a mighty expensive one when once put into operation. The mistake is easily made, but not so easily corrected.

The Fuller & Warren System has a national reputation, founded upon merits demonstrated by long years of service in hundreds of school houses.

SCHOOL WARMTH.

The Fuller & Warren system is not an experiment. It is not only the most economical, but the most serviceable. Hundreds of proofs furnished. The best school buildings in the United States are equipped with it. School officers attest to its utility.

SCHOOL AIR.

The Fuller & Warren system insures complete ventilation. Fresh warm air is constantly infused into the school rooms, meeting every requirement of the most eminent scientific authorities on this important subject. It defies improvement.

SCHOOL HEALTH.

The Fuller & Warren system of Sanitary Cremating Closets and odorless Ventilated Slate Urinals are absolutely sanitary. They positively destroy every vestige of excreta. The entire system is separated from class room ventilation and guaranteed to be entirely free from odor in the building.



For full particulars, information and catalogues referring to hundreds of buildings now equipped by us apply or address:

FULLER-WARREN CO., Milwaukee, Wis. COMMON SENSE WARMING AND VENTILATING CO., Dallas, Tex.

Fuller & Warren Warming and Ventilating Co. Chicago.

NEW SCHOOL BUILDINGS.

Sitka, Alaska. Bids will be received until April 15, for the erection of a new school building at Hoonah. Address Jas. Weakley, governor, Sitka.

Wetumpha, Ala. Arthur Marshall, of this place, received the contract for erecting a new school house.

San Jose, Cal. Architect Jacob Lenzen is preparing plans for the proposed high school. Write F. P. Russell, secretary board of education.

Gilroy, Cal. It is contemplated to build a new school.

Longbeach, Cal. Contract for building the Chautauqua summer school has been awarded.

Salinas, Cal. An election is to be held for the purpose of voting bonds to build a new school house.

Saratoga, Cal. A new school will be erected.

New Haven, Conn. Architect L. W. Robinson is making plans for a new school on Lombard street, Fairhaven, Conn.

Washington, D. C. The school board has received bids for the erection of two brick dormitory and school buildings.

Washington, D. C. Commissioners submitted estimates for two new public school buildings.

Washington, D. C. Bids have been received for the erection of the Western high school building. Address John W. Ross, district commissioner.

Moultrie, Ga. It is contemplated to build a new school.

Chicago, Ill. Architect Norman S. Patton, 1117 Schiller building, is preparing plans for a school to be erected at Normal Park, for the board of education.

Pawpaw, Ill. Fire destroyed the \$12,000 brick school.

Davis, Ill. A new school is to be erected.

Mount Sterling, Ill. Architects Reeves and Bailie have prepared plans for a school to be erected here.

Freeport, Ill. Architects Reeves and Bailie, Peoria, Ill., have prepared plans for a school building to be erected here.

Anna, Ill. A new school house to cost about \$5,000 will be erected the coming summer.

Roadhouse, Ill. Plans prepared by Architect N. A. Buckingham, Jacksonville, Ill., have been accepted for a new school house.

Hartford City, Ind. A new school building, recently completed at a cost of \$25,000, burned.

Plymouth, Ind. Architect J. F. Wing, of Fort Wayne, is drawing plans for a school house to be built here.

Poneto, Ind. The two-story brick school house was totally destroyed by fire. Loss \$2,500.

Vincennes, Ind. Architect F. S. Allen, Joliet, Ill., has prepared plans for a high school building for this city.

Wabash, Ind. A new \$15,000 school house is to be erected.

Newport, Ind. Plans for a new six-room school building have been drawn.

Liberty, Ind. The Pleasant Hill school house was destroyed by fire.

Forest City, Ia. It has been voted to issue bonds to build a new school house.

Fort Dodge, Ia. Bids have been received by the board of education for the erection of a new school building, in accordance with plans and specifications drawn by Architect F. S. Allen, Joliet, Ill.

Grundy Center, Ia. Bids have been received for the erection of a brick high school. Address C. E. Butler, secretary.

Newton, Ia. An election will be held this month for the purpose of voting on the proposition of issuing bonds for a new school house.

Waterloo, Ia. Sealed bids have been received by Ira Rodamar, secretary, for the erection of a school house in the second ward.

Burlington, Ia. The West Hill school burned. Probably will be rebuilt as soon as the weather permits.

Paton, Ia. Bids will be received until March 8th for erecting a new school house in the Independent District of Hardin, No. 5. Address Wm. E. Stewart, Sec'y. board directors.

Davenport, Ia. A proposition will be submitted at the school election March 8, to vote on the question of issuing \$26,000 of bonds for a new school house at West Davenport. Write E. Weingartner, secretary.

Clarion, Ia. At the March school election there will be submitted to the electors the following two propositions: First, shall the district be bonded for \$8,000 to build a new school building. Second, shall the district be bonded for \$4,000 to build an addition to the present building.

Eureka, Kas. Bids have been received for the erection of a new school house in district No. 67. W. J. Wiggins, clerk.

Boston, Mass. A new school building will be erected at the corner of Adams and King streets, Dorchester district.

Worcester, Mass. Architects Barber & Nourse have prepared plans for a science building for Worcester academy.

Boston, Mass. Bids have been received by the secretary of the school committee for erecting and completing a brick school house.

Boston, Mass. Bids have been received by the secretary of the board for erecting a frame primary school house on the corner of Chestnut Hill avenue and Chiswick road, Brighton district.

Boston, Mass. A new school is to be erected on Prince St. Cambridge, Mass. Write Wm. H. Gray, superintendent of public buildings, regarding the building of a new school.

Saginaw, Mich. Architect F. W. Hollister has prepared plans for a school for the city of Otsego, Allegan county.

Kalamazoo, Mich. The high school building was destroyed by fire. Loss \$40,000.

Sun, Mich. Bids have been received for the erection of a school in district No. 5, Grant Township.

Kalamazoo, Mich. It is contemplated to build a new high school. Address Henry E. Hoyt, Sec'y. board of education.

St. Paul, Minn. Bids have been received by Frank B. Doran, mayor, for the erection and construction of a new school building.

Waterville, Minn. It is contemplated to build a new school.

Stanchfield, Minn. Bids have been received by S. E. Erickson for erecting a new school house.

Minneapolis, Minn. Architects MacLeod & Lameroux, Lumber Exchange, have prepared plans for a medical college. Cost \$50,000.

St. Paul, Minn. An addition to the Erickson school is to be made.

Little Falls, Minn. The high school building, with all its contents was destroyed by fire.

Duluth, Minn. Bids have been received for erecting a school building on St. Croix avenue.

Kansas City, Mo. Architect W. F. Hackney, 34 Beals building, will receive bids up to March 4, for the erection of a new normal training school.

Lincoln, Neb. The question of issuing bonds for a new high school will be submitted at an election. W. A. Hackney, president board of education.

Nebraska City, Neb. The proposition to issue bonds to build a new high school was defeated at the election.

Buffalo, N. Y. Architects Metzger and Greenfield, White building, have prepared plans for a college building for the St. Joseph's Collegiate Institute, Jefferson street and Prospect avenue.

Geneseo, N. Y. The boys' dormitory of the Geneseo Wesleyan seminary, burned to the ground. The loss is estimated at \$50,000. Dr. J. H. Ashley is president of the seminary.

Syracuse, N. Y. Architect M. C. Conway, 21 Dunfee street has prepared plans for a Hebrew free school.

North Tonawanda, N. Y. At a meeting here it was decided to raise \$33,000 for two school buildings.

Brooklyn, N. Y. Bids for the construction of two public school buildings was received by board of education.

New York City. Bids were received for the erection of a school on St. Nicholas avenue, between 126th and 127th streets.

Medina, N. Y. Decided to erect a \$10,000 school on Oak Orchard street.

New York City. Bids received for annex to school No. 34. C. J. Snyder, superintendent of building.

Waterford, N. Y. Appropriation of \$20,000 for school will be submitted to vote March 9.

Mount Morris, N. Y. Annex to be built.

Syracuse, N. Y. City will issue \$100,000 bonds for new schools.

Wheatland, N. D. Bids received by directors school district 44, Township Gill, for new school.

Edgeley, N. D. Bids received by A. S. Love, president school board, Glenmore Township, for new school.

Minot, N. D. Contemplated to build a new school.

Toledo, O. Bids received by board for Central high school. Cost \$105,000.

Delaware, O. Bids received by Col. B. H. Millikan, president board trustees of girls' industrial home, for new school.

Ashland, O. Bids received by H. L. Pifer, clerk board of education of Milton Township, for new school.

Cincinnati, O. Plans ordered by board for eighteen-room school. Estimated cost \$63,000.

Springfield, O. Bids received for erection of new school. Address S. Van Bird, clerk board of education.

Hamilton, O. Architect Geo. Barkman is preparing plans for four-room annex.

Lancaster, O. Lancaster medical institute was destroyed by fire.

The Dalles, Or. Reported that election will be held to vote bonding district \$20,000 for eight-room school.

Carbondale, Pa. Fire at Simpson destroyed school No. 1.

Parnassus, Pa. Board received bids for brick addition to present school.

Washington, Pa. Contemplates new school.

Pittsburg, Pa. Bids received for an addition to Glenwood school.

Philadelphia, Pa. Board has plans for new school.

Philadelphia, Pa. Architect E. F. Durang, prepared plans for addition to E. C. school.

Philadelphia, Pa. Architects Hewitt Bros., Bullitt building, prepared plans for addition to Wister institute of anatomy. Cost \$20,000.

Granston, R. I. School committee adopted plans prepared by Architects Wm. E. Walther & Son, Providence, for \$14,000 Edgewood school.

Conroe, Tex. Contract for erecting school let Feb. 28.

Write C. T. Darby, secretary school board.

Menominee, Wis. Stout manual training school and Central high school destroyed by fire. Total loss \$100,000.

Kaukauna, Wis. Architects Orff & Joralemon, Minneapolis, prepared plans for new school here.

Racine, Wis. Addition to school will begin in April. Write J. Estabrook, secretary school board.

Eau Claire, Wis. Fire damaged Seventh ward school No. 1. It will be torn down and a new one erected.

New Haven, Conn. The board of education has decided not to allow pupils attending the high school to write essays in competition for prizes.

For the convenience of school officials contemplating or considering adoptions, this list has been carefully prepared. It represents the modern and progressive School and college text books of the day, adopted by the leading Boards of Education in the United States, and recognized by the best educational authorities

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Sheldon's Ele. of Algebra.....S. & Co.
Olney's First Prin. of.....
Brooks's Algebra.....C. S. Co.
Sanford's Elementary.....U. P. Co.
Nicholson's.....
Venable's Easy.....
Venable High School.....
Collins' Text Book.....S. F. & Co.
Loomis.....A. B. C.
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Ray's Series.....
Robinson's Series.....
Well's Academic.....L. S. & S.
" Higher.....
Bradbury's Ele.....T. B. & Co.
Bradbury's & Emery's.....
Elements of.....S. B. Co.
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Thompson's Key to New
Practical.....M. M. & Co.
Macnie's Alg Equations.....A. S. B. & Co.

Arithmetics.

Brook's New Arith.....C. S. Co.
" Mental.....
Hull's.....E. H. B. & Co.
Hagar's.....
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Brown's.....The W. S. B. Co.
Harper's Advanced.....H. & Bros.
Manual of Arith. for prim. gr.....W. B. H.
Nicholson's Series.....U. P. Co.
Sanford's Series.....
Venable's Series.....A. B. Co.
White's Series.....
Robinson's Series.....
Ray's.....
Milne's E and St.....
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The Complete.....
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Coggswell's Lessons.....T. B. Co.
Bradbury's Eaton's Ele.....
Coburn's First Lesson in.....H. M. & Co.
Thompson's First Lesson.....M. M. & Co.
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Commercial Arith.....O. M. P.
Practical.....
New Franklin Ser.....S. & Co.
Sheldon's Elementary Series.....S. & Co.
Stoddard's New Intel. Arith.....

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Van Dyke's Hist. of Painting.....L. G. & Co.
Van Dyke's Hist. of Sculpture.....L. G. & Co.
Dwight's Intro. Art.....D. A. & Co.
Goodyear's Hist. Art.....A. S. B. & Co.

Astronomy.

Ball's Atlas of.....D. A. & Co.
Bowen's Astr. by Observation.....A. B. Co.
Gillet and Rolfe's.....
Kiddle's New Element.....
Young's Lessons in Ele-
ments of.....G. & Co.

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Boyer's Biology Tablets.....C. S. S. H.

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Bryant & Stratton's (2).....A. B. Co.
Mayhew's Standard.....S. B. Co.
Messervy's.....T. B. Co.
Progressive Bookkeeping.....P. T. B. Co.
First Lessons in.....O. M. P.

Botany.

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Microscope in Botany.....B. W.
Botanical Micro-Chemistry.....
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Ferns of America.....
Ferns and Evergreens of N. E.....
Mosses of North America.....
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Appar's Plant Analysis.....A. B. Co.
Bentley's Physiological.....
Coulter's Manual.....
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Willis Flora of N. J.....A. S. B. & Co.

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Newth's Laboratory Man'l.....L. G. & Co.
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Brewster's First Book.....
Clark's Elements.....
Cooley's Text Book.....
Steele's Popular.....
Stoddard's Outline.....
Well's Principles.....
Qualitative Analysis.....S. B. & Co.
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Inorganic Chemistry.....
Roscoe's Series.....D. A. & Co.
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Laboratory.....
Boyer's Chemistry Tablets.....C. S. S. H.
Laboratory Manual.....L. S. & S.
The Young Chemist.....S. S. & Co.
Qualitative Analysis.....
Parson's New.....D. A. & Co.
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Dictionaries.

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English Dictionary.....L. G. & Co.
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lege entrance, 25 vol.).....L. G. & Co.
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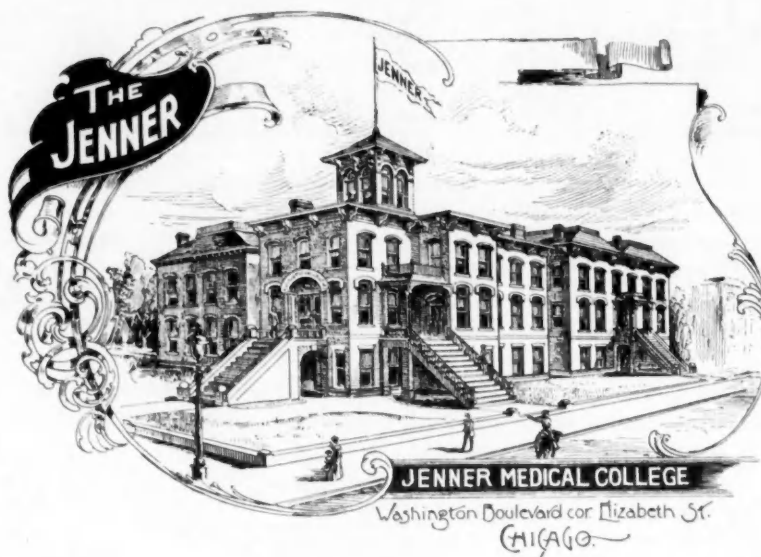
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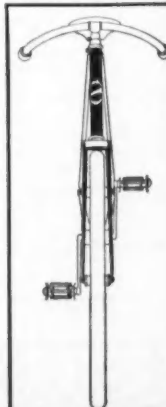
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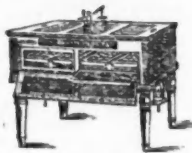


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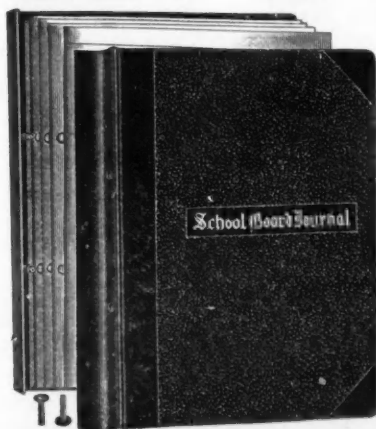
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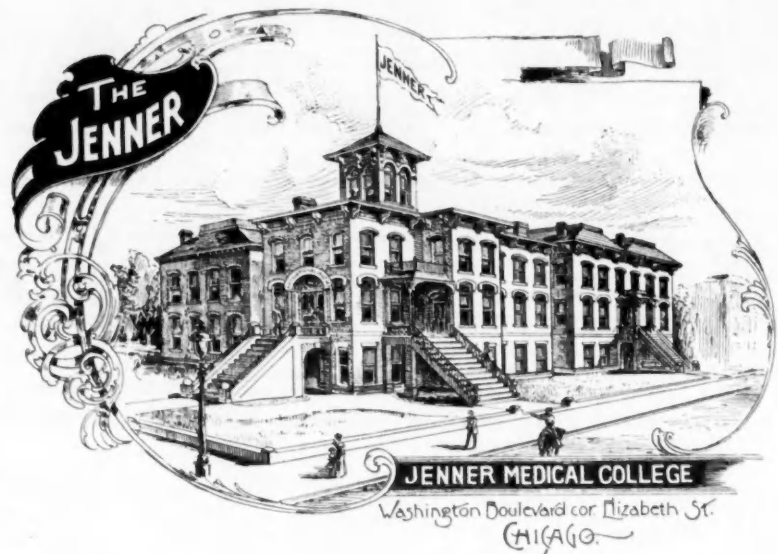
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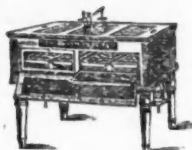
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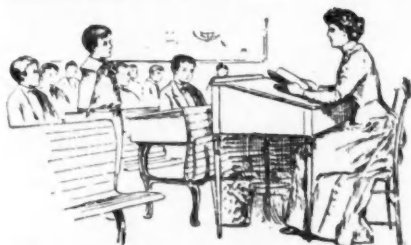
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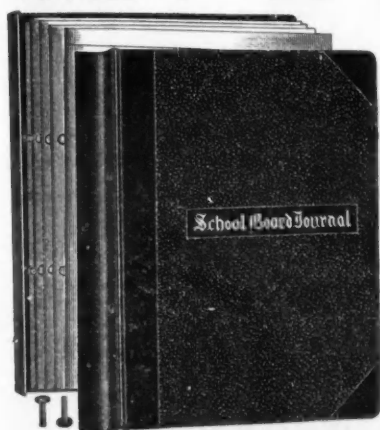
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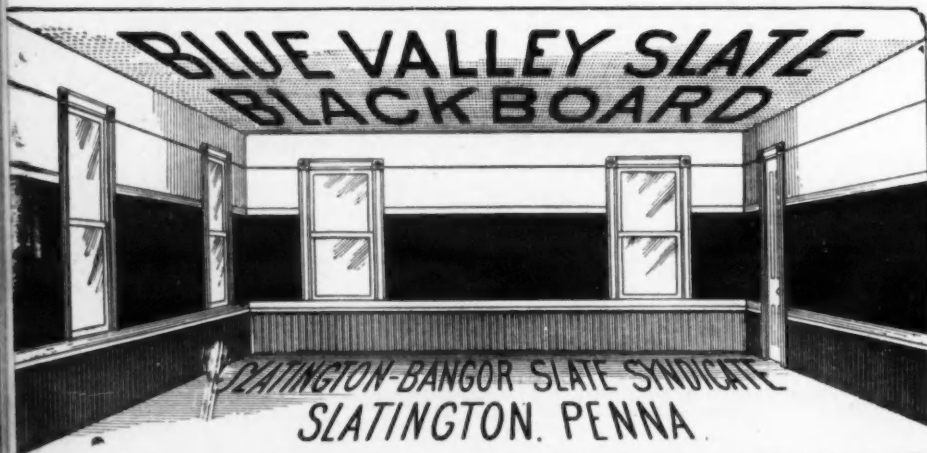
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